

File 16:Gale Group PROMT(R) 1990-2004/Apr 19  
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File 148:Gale Group Trade & Industry DB 1976-2004/Apr 19  
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File 160:Gale Group PROMT(R) 1972-1989  
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File 275:Gale Group Computer DB(TM) 1983-2004/Apr 19  
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File 621:Gale Group New Prod.Annou.(R) 1985-2004/Apr 16  
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File 636:Gale Group Newsletter DB(TM) 1987-2004/Apr 19  
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File 610:Business Wire 1999-2004/Apr 19  
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File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
? ds

Set	Items	Description
S1	3233521	PDA OR HANDHELD? OR HAND()HELD? OR BLACKBERRY? OR (DIGITAL OR ELECTRONIC) (1W) (APPLIANC? OR DEVICE? OR EQUIPMENT? OR COMPONENT? ? OR APPARATUS) OR PERSONAL() (DIGITAL OR SHOPPING) () AS-SISTANT? OR WIRELESS
S2	4430817	S1 OR THINKPAD? OR NOTEBOOK? OR SUBNOTEBOOK? OR MININOTEBOOK? OR NOTE() (BOOK OR BOOKS OR PAD OR PADS) OR PALM OR PENTOP? OR POCKET OR PORTABLE OR PALM()TOP? OR PALMTOP?
S3	541222	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDIS?) (8N) (-LOCAT? OR RETRIEV? OR FIND OR FINDING?)
S4	2800971	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) - (ADDITION? OR ADD OR ADDS OR ADDING OR INPUT? OR PROVIDE OR PROVIDES OR PROVIDING OR INPUT?)
S5	802135	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) - (IDENTIFIER OR IDENTIFIERS OR BRAND OR BRANDS OR BRANDING OR -VIN OR (PRICE OR UPC) () (CODE OR CODES OR DESCRIPTION? OR LABEL OR LABELS OR TAG OR TAGS))
S6	1830890	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) - (DISPLAY? OR RECEIV? OR SHOW OR SHOWING OR SHOW OR SCREEN? ? -OR VIEW? ? OR DOWNLOAD? OR UPLOAD? OR (UP OR DOWN) ()LOAD? OR -EXPORT? OR IMPORT?)
S7	134133	(PLACE OR PLACES OR PLACING OR INPUT? OR SUBMIT? OR TRANSMIT?) (1W) (ORDER OR ORDERS OR ORDERING)
S8	410718	(SUGGEST? OR RECOMMEND? OR DETERMIN?) (5N) (ALTERNATIVE? OR -ADDITIONAL? OR OTHER? ? OR OPTION?)

S9 217691 (NAVIGAT? OR SHOW OR SHOWS OR SHOWING) (5N) (AREA? ? OR LOCATION? OR SPACE OR SPACES OR COORDINATE? ? OR FLOOR() (PLAN OR - PLANS) OR LOCALE OR LOCALES OR SPACE OR SPACES OR POSITION? OR ROW OR ROWS OR DEPARTMENT OR DEPARTMENTS OR AISLE?)  
 S10 406077 (DETERMIN? OR SHOW OR SHOWS OR SHOWING OR DISPLAY?) (5N) (POSITION? OR AREA? ? OR LOCATION? OR SPACE OR SPACES OR COORDINATE? ? OR FLOOR() (PLAN OR PLANS) OR LOCALE OR LOCALES OR SPACE? ? OR SPATIAL? OR ROW? ? OR DEPARTMENT? ? OR AISLE?)  
 S11 966139 BEACON OR BEACONS OR SENSOR OR SENSORS OR ENVIRONMENTAL() (- MARKING OR MARKINGS) OR GPS OR GLOBAL() POSITIONING? OR BEAM OR BEAMS OR BEAMING  
 S12 6027401 STORE OR STORES OR TRADESHOW? OR TRADE() SHOW? OR MALL OR MALLS OR SHOWROOM? OR SHOW() ROOM? OR MUSEUM? OR CONVENTION OR - CONVENTIONS  
 S13 28 AU=(MALKIN, P? OR MALKIN P? OR CONNELL, J? OR CONNELL J? - OR KELLOGG, W? OR KELLOGG W?)  
 S14 253957 S2(S) (S3 OR S4 OR S5 OR S6)  
 S15 615 S14(S) (S7 OR S8)  
 S16 15 S15(S) (S9 OR S10)  
 S17 14 RD (unique items)  
 S18 46 S15(5N) (S11 OR S12)  
 S19 44 S18 NOT S17  
 S20 35 S19 NOT PY=2001  
 S21 23 RD (unique items)  
 S22 0 S2(S) S13

17/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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09819247 Supplier Number: 86477546 (USE FORMAT 7 FOR FULLTEXT)  
**Openwave Buying Java, Location Capabilities.(Brief Article)**  
Communications Today, v8, n102, pNA  
May 30, 2002  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 202

Denver-based SignalSoft's **products** include a **location** gateway, privacy and authentication middleware, applications enabling **wireless** users to **determine** the **locations** of **other wireless** users and of businesses or services and technology for routing **wireless** 911 calls to the closest public safety answering points. Under the terms of the companies...

17/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04652920 Supplier Number: 46845473 (USE FORMAT 7 FOR FULLTEXT)  
**NSP to install wireless network meter reading system**  
Electric Light & Power, p23  
Nov, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 469

The new **wireless** data collection network will allow NSP to gather valuable energy usage information from customers in the Minneapolis/St. Paul metropolitan **area**. The data will help NSP **determine** which **additional** value-added **products** and services to offer its customers through full-scale network information services. 'An integrated automated ...

17/3,K/3 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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16676265 SUPPLIER NUMBER: 111531765 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
)  
**Current labor statistics.(Illustration)**  
Monthly Labor Review, 126, 8, 49(69)  
August, 2003  
DOCUMENT TYPE: Illustration ISSN: 0098-1818 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 31761 LINE COUNT: 11113

... State areas are a key indicator of local economic conditions, and form the basis for **determining** the eligibility of an **area** for benefits under Federal economic assistance programs such as the Job Training Partnership Act. Seasonally

17/3,K/4 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

10222172 SUPPLIER NUMBER: 20641317 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Conduct EMC Testing Economically In-House. (electromagnetic compatibility)**  
Demeo, Dana  
Electronic Design, v46, n11, p92(1)  
May 13, 1998  
ISSN: 0013-4872 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2672 LINE COUNT: 00206

TEXT:

...amplify the noise within the product to which they're connected. As with any antenna, **position** and length (among **other** things) **determine** the resonance characteristics. We try to move the cables into a position that causes a...

17/3,K/5 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09149568 SUPPLIER NUMBER: 18883217 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**NSP to install wireless network meter reading system. (Northern States Power Inc. St. Paul) (Metering Technology)**  
Hansen, Teresa  
Electric Light & Power, v74, n11, p23(1)  
Nov, 1996  
ISSN: 0013-4120 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 512 LINE COUNT: 00045

... NSP to gather valuable energy usage information from customers in the Minneapolis/St. Paul metropolitan **area**. The data will help NSP **determine** which **additional** value-added **products** and services to offer its customers through full-scale network information services. "An integrated automated..."

17/3,K/6 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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08124425 SUPPLIER NUMBER: 17389671 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Plastics technology: manufacturing handbook & buyers' guide 1995/96. (Buyers Guide)**  
Plastics Technology, v41, n8, pCOV(941)  
August, 1995  
DOCUMENT TYPE: Buyers Guide ISSN: 0032-1257 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 174436 LINE COUNT: 15187

... molding, reheat blow molding, thermoforming, and extrusion. Control features can include: electroluminescent or LCD operator ldisplays, high-speed event detection for real-time response, high-density/high-power digital I/O...speed, holding, back-pressure, and shot volume. Also setpoint entry, storage of setups, monitoring and **display** of process variables, good/bad part sorting, reporting of production and rejects, and temperature control...



17/3,K/7 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03900038 SUPPLIER NUMBER: 06967948 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Second Annual Directory of Human Resources Services, Products and  
Suppliers, January 1989. (directory)**  
Personnel, v66, n1, pD1(167)  
Jan, 1989  
DOCUMENT TYPE: directory ISSN: 0031-5702 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 155534 LINE COUNT: 14711

... productive employees, reduce  
costly hiring errors, and to attract top  
candidates to the firm. Interview **Navigator**  
provides 500 questions to help structure  
your interview. HR Softech Inc., 4100 W. Kennedy Blvd...

...integrated  
with datafiles, including full screen color  
photograph for each executive. Mouse  
driven, user can " **navigate** " through  
organization chart levels. Report include  
compensation graphs, succession planning,  
and user defined reports. JMT...

17/3,K/8 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04148180 Supplier Number: 54402440 (USE FORMAT 7 FOR FULLTEXT)  
**TECHNOR: Investor and media communications in US expansion.**  
M2 Presswire, pNA  
April 16, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 515

... combines the Internet and the Global System for Mobile  
Communications (GSM) to allow users to **determine** the **location** of  
specific **items** and to send and **receive** messages that can be used in a  
wide variety of applications. Technor's technology uses radio-based digital  
signals to **determine location** similar to satellite-based Global  
Positioning Systems (GPS) but with the **additional** capability of  
**determining location** inside buildings, parking garages and other  
shielded areas such as inside a **pocket** or briefcase that are inaccessible  
to GPS systems. It uses a standard computer terminal and...

17/3,K/9 (Item 2 from file: 636)  
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04147756 Supplier Number: 54402011 (USE FORMAT 7 FOR FULLTEXT)  
**TECHNOR INTERNATIONAL: Technor retains Rowe Group for investor and media  
communications in US expansion.**  
M2 Presswire, pNA

April 15, 1999  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count:      552

... combines the Internet and the Global System for Mobile Communications (GSM) to allow users to **determine** the **location** of specific **items** and to send and **receive** messages that can be used in a wide variety of applications. Technor's technology uses radio-based digital signals to **determine** **location** similar to satellite-based Global Positioning Systems (GPS) but with the **additional** capability of **determining** **location** inside buildings, parking garages and other shielded areas such as inside a **pocket** or briefcase that are inaccessible to GPS systems. It uses a standard computer terminal and...

17/3,K/10      (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04070355      Supplier Number: 53561312 (USE FORMAT 7 FOR FULLTEXT)  
**IBM: IBM receives most U.S. patents for sixth consecutive year.**  
M2 Presswire, pNA  
Jan 12, 1999  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count:      1129

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...technology and manufacturing. "More than a third of the technologies represented by these patents already **show** up in **products** and solutions currently available from IBM, and in 1999, many more will reach the marketplace...

...be crucial in the industry's development of a new class of "pervasive computing" devices, **handheld** and embedded products such as smart phones and Internet appliances that business professionals and consumers...

...bend around corners and stretch for use in applications ranging from wearable computers to large **area displays** used in venues such as airports and train stations. US 581 5573: Cryptographic key recovery...

...build higher performance microprocessors for servers and mainframes as well as lower power chips for **handheld** and battery-operated pervasive computing services. SOI provides an insulating layer beneath transistors on a...

...purchasing patterns. It receives customer data, measures it against a database of inventory items and **other** customer purchases, and then **suggests** the most promising sales opportunities to meet both the customer's and merchant's needs...

...would still be accessible on another device capable of displaying less data (such as a **personal digital assistant** ). EDITOR'S NOTES IBM's Intellectual Property Network Site at [www.ibm.com/patents](http://www.ibm.com/patents) offers...

17/3,K/11      (Item 4 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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04070238 Supplier Number: 53561193 (USE FORMAT 7 FOR FULLTEXT)

**IBM: IBM receives most US patents for sixth consecutive year.**

M2 Presswire, pNA

Jan 12, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1010

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...technology and manufacturing. "More than a third of the technologies represented by these patents already **show** up in **products** and solutions currently available from IBM, and in 1999, many more will reach the market ...

...be crucial in the industry's development of a new class of "pervasive computing" devices -- **hand - held** and embedded products such as smart phones and Internet appliances that business professionals and consumers...

...bend around corners and stretch for use in applications ranging from wearable computers to large **area displays** used in venues such as airports and train stations. US5815573: Cryptographic key recovery system This...

...build higher performance microprocessors for servers and mainframes as well as lower power chips for **hand - held** and battery-operated pervasive computing devices. SOI provides an insulating layer beneath transistors on a...

...purchasing patterns. It receives customer data, measures it against a database of inventory items and **other** customer purchases, and then **suggests** the most promising sales opportunities to meet both the customer's and merchant's needs...

...would still be accessible on another device capable of displaying less data (such as a **personal digital assistant** ). IBM's Intellectual Property Network Site at <http://www.ibm.com/patents> offers free access...

17/3,K/12 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

34211004 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Q2 2004 Energy Conversion Devices Earnings Conference Call - Part 1**

FAIR DISCLOSURE WIRE

February 18, 2004

JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4432

... of more than 300 miles on a single filling with virtually no loss of trunk **space** . We'll be **showing** the hydrogen Prius car at our annual meeting. Now, with that brief business update and...

17/3,K/13 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

33801696 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Event Brief of Q1 2004 Photon Dynamics Earnings Conference Call - Part 1**

FAIR DISCLOSURE WIRE

January 28, 2004

JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4500

... charge for the remaining goodwill and intangible assets. 2. Inverter: 1. The co. has not **received** mass production vendor registration

for its inverter **products** , which has severely limited the market possibilities. 2. The co. has taken an impairment charge...

... production ramp required to meet bookings growth. 11. Quality: 1. Factory utilization, and hence the **product** utilization is becoming increasingly **important** for the customers in order to drive their display costs down and their profitability up...

17/3,K/14 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

04943003 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Technor International Retains The Rowe Group for Investor and Media  
Communications in U.S. Expansion**  
BUSINESS WIRE  
April 13, 1999  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 525

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... of determining location inside buildings, parking garages and other shielded areas such as inside a **pocket** or briefcase that are inaccessible to GPS systems. It uses a standard computer terminal and...  
?

21/3,K/1 (Item 1 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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10904246 Supplier Number: 110814008 (USE FORMAT 7 FOR FULLTEXT)  
**Retailer perspective. (Marketing Strategies) (7-Eleven Inc.) (Interview)**  
Keyes, Jim  
National Petroleum News, v95, n11, p36(1)  
Oct, 2003  
Language: English Record Type: Fulltext  
Article Type: Interview  
Document Type: Magazine/Journal; Trade  
Word Count: 710

... the consumer could want. The infrastructure is powered by our proprietary Retail Information System that **provides item -by- item** intelligence to every **store** and **transmits order** and delivery information in a timely fashion throughout our network. Combined with a very talented...

21/3,K/2 (Item 2 from file: 16)  
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07938733 Supplier Number: 66279287 (USE FORMAT 7 FOR FULLTEXT)  
**Answer Man. (chief scientist for IBM, Paul Horn) (Interview)**  
Nannery, Matt  
Chain Store Age Executive with Shopping Center Age, v76, n10, p79  
Oct, 2000  
Language: English Record Type: Fulltext  
Article Type: Interview  
Document Type: Magazine/Journal; Trade  
Word Count: 2331

... it or subtract a few items from it. Updated pricing information and information on new **products** on promotion is also **downloaded** during that connection.

Chain Store Age: Is Safeway happy with the system?

Horn: Oh, yes. But this system was sort...

21/3,K/3 (Item 3 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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07898524 Supplier Number: 66006144 (USE FORMAT 7 FOR FULLTEXT)  
**Tool company debuts Web site.**  
Tire Business, v18, n14, p14  
Oct 9, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 126

... a toll-free number or type in their zip code into the Web site's **store locator**.

Safe Shop's **product** lineup includes a hub and drum tool, wheel caddy, portable wheel stud remover and installer...

21/3,K/4 (Item 4 from file: 16)  
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06359909 Supplier Number: 54701063 (USE FORMAT 7 FOR FULLTEXT)  
**What's 'In-Store' for the 21st Century Shopper? Indiana University/KPMG  
Study Measures Consumer Acceptance of Retail Technology.**  
PR Newswire, p6332  
May 24, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1080

... hand held shopping assistant, a lightweight, palm-size device that  
can be carried throughout the **store** . It is used to **provide** shoppers  
with **additional** information about **products** -- specifications; usage  
**suggestions** , warranty information. Seventy-seven percent of respondents  
said it provided value and 61 percent said...

21/3,K/5 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06206658 Supplier Number: 54158808 (USE FORMAT 7 FOR FULLTEXT)  
**Beware the Fraudian Slip.**  
Reeves, Betsy  
Wireless Review, pNA  
March 31, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 829

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...models. McClure sees interest in authentication rising with increased  
use of GPS technology. "Fleet management, **GPS** units and **wireless**  
telemetry must support authentication," he pointed out. "Even those small  
devices need authentication in location..."

21/3,K/6 (Item 6 from file: 16)  
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05927638 Supplier Number: 53167364 (USE FORMAT 7 FOR FULLTEXT)  
**Wireless: AT&T launches online buying for wireless products and services;  
largest wireless carrier to offer automated online store. (Company  
Business and Marketing)**  
EDGE, on & about AT&T, pNA  
Nov 2, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 463

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...that best fit their needs," said Anne Gordon, vice president of National  
Marketing, AT&T **Wireless** Services. "The online **store** , along with a  
redesign of our entire Web site, was driven by feedback from customers..."

...select toll free numbers to call or access a list of the nearest AT&T Stores to visit. AT&T Wireless Services Inc. operates the largest digital wireless network in North America providing wireless voice, data...

21/3,K/7 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04540215 Supplier Number: 46670157 (USE FORMAT 7 FOR FULLTEXT)  
**AIN and ATM: Collision or Coexistence?**  
America's Network, p30  
Sept 1, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 3454

... is possible that users might elect to use shopping 'harbors' to view special items and **place orders** without going to a **store**, or use a harbor kiosk to make restaurant reservations after viewing video or images of...

21/3,K/8 (Item 8 from file: 16)  
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01943978 Supplier Number: 42482321 (USE FORMAT 7 FOR FULLTEXT)  
**KMART TURNS TO SPREAD SPECTRUM: USE OF RF HAND-HELDS MAY PRESAGE WIRELESS STORE**  
Chain Store Age Executive with Shopping Center Age, p101  
Nov, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 954

... hand-helds and Spectrum One network for a series of advanced merchandise ordering applications. To **place orders**, in-**store** sales associates scan an **item**, review the information **retrieved** on a liquid crystal **display** (LCD), and then enter the amount of **merchandise** needed. The hand-helds communicate with the store's UNIX-based file server over a...

21/3,K/9 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09076283 SUPPLIER NUMBER: 18832122 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**AIN and ATM: collision or coexistence. (Advanced Intelligent Network; asynchronous transfer mode) (Cover Story)**  
Nolle, Thomas L.  
America's Network, v100, n17, p30(5)  
Sep 1, 1996  
DOCUMENT TYPE: Cover Story LANGUAGE: English RECORD TYPE:  
Fulltext; Abstract  
WORD COUNT: 3692 LINE COUNT: 00283

... is possible that users might elect to use shopping "harbors" to



view special items and **place orders** without going to a **store** , or use a harbor kiosk to make restaurant reservations after viewing video or images of...

**21/3,K/10 (Item 2 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05528209 SUPPLIER NUMBER: 11524241 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Kmart turns to spread spectrum. (Symbol Technologies Inc. wireless spread spectrum communications network systems)**

Fox, Bruce

Chain Store Age Executive with Shopping Center Age, v67, n11, p101(2)

Nov, 1991

ISSN: 0193-1199 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1066 LINE COUNT: 00081

... Spectrum One network for a series of advanced merchandise ordering applications. To place orders, in- **store** sales associates scan an **item** , review the information **retrieved** on a liquid crystal **display** (LCD), and then enter the amount of **merchandise** needed.

The hand-helds communicate with the store's UNIX-based file server over a...

**21/3,K/11 (Item 1 from file: 275)**  
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01358937 SUPPLIER NUMBER: 08220198 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Fax networks offer users advanced capabilities. (facsimile networks) (includes related article on Group 4 fax standard)**

Keery, Nina B.

Networking Management, v8, n3, p41(4)

March, 1990

ISSN: 1052-049X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2769 LINE COUNT: 00214

... as sleeve lengths, pocket depths, and button holes. The sales staff uses the network to **transmit** orders to and from **stores** that carry the company's **merchandise** , and buyers often make changes or **additions** to orders via the network. In the traffic department in New Jersey, which monitors the...

**21/3,K/12 (Item 1 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03893002 Supplier Number: 50046641 (USE FORMAT 7 FOR FULLTEXT)  
**-COMPAQ: Compaq unveils next generation of online shopping for govt, education, healthcare customers**

M2 Presswire, pN/A

June 3, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1188

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...contracts, providing applicable pricing, configuration and service options. All of Compaq's public sector online **stores** feature: -- A powerful **product** catalog that **displays products** based on category or contract and outlines service offerings with each product. Using this innovative...

21/3,K/13 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02648569 420668281

**Extended Systems Inc.**

Brandel, Mary

Computerworld v37n38 PP: 32 Sep 22, 2003

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 588

...TEXT: distributed to 150 M. R. Williams customers, mainly convenience stores.

Twice a week, the convenience **stores** sync their **Palm** devices with the AS/400 over a dial-up connection, downloading current pricing data, information...

21/3,K/14 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02629639 370511911

**Tracking the future**

Albright, Brian

Frontline Solutions v4n7 PP: 30 Jul 2003

ISSN: 1528-6363 JRNL CODE: FRSE

WORD COUNT: 659

...TEXT: that may be used as a credit card in the future.

Other technologies at the **store** :

\* **Hand - held** computers from Wincor-Nixdorf International GmbH include a touch screen and bar code scanner. These Personal Shopping Assistants (PSAs) can be used to **view** special offers. Customers can scan **items** as they move through the **store**, then wirelessly **transmit order** information from the PSA to a checkout terminal.

\* Employees use hand-held computers from Symbol...

21/3,K/15 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02019838 53616477

**Retail leasing in the Web enabled world**

Miller, Norman G

Journal of Real Estate Portfolio Management v6n2 PP: 167-184 Apr-Jun 2000

ISSN: 1083-5547 JRNL CODE: JREP  
WORD COUNT: 10243

...TEXT: codes and search for the lowest priced retailer in either physical space or cyberspace, then **place** the **order**. The physical space **store** becomes a procuring cause of sale but receives no revenue for it's inventory, display...

21/3,K/16 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01140242 97-89636  
**Warehouse system makes for happy holidays**  
Burnell, John  
Automatic I.D. News v12n1 PP: 28-29 Jan 1996  
ISSN: 0890-9768 JRNL CODE: AIN

...ABSTRACT: to help Sears, Roebuck & Co. prepare for the Christmas season. Each of Sears' 720 retail **stores** **places** an **order** with the company's corporate office in Chicago, which prepares single orders for each of...

21/3,K/17 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01139871 97-89265  
**Reciprocal retail internationalization: The Southland Corporation, Ito-Yokado and 7-Eleven convenience stores**  
Sparks, Leigh  
Service Industries Journal v15n4 PP: 57-96 Oct 1995  
ISSN: 0264-2069 JRNL CODE: SIJ  
WORD COUNT: 13042

...TEXT: computer and returned to the store computer, where it can be accessed and used. The **store** computer can be used to **place orders**, **display** sales and **store** information, evaluate **store product** assortment and function generally as a management information system. The Graphics Order Terminal (GOT) is a notebook sized portable computer that **provides product** sales information and advice to **store** employees as they check shelves for items that need to be ordered. These components within...

21/3,K/18 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01052399 97-01793  
**Coming soon to a neighborhood near you**  
Witt, Clyde E  
Material Handling Engineering v50n6 PP: 46-50 Jun 1995  
ISSN: 0025-5262 JRNL CODE: MTH  
WORD COUNT: 2076

...TEXT: terminal's screen displays pallet number, location and where the load is to be delivered.

Store order fulfillment information is transmitted to order pickers via the radio frequency terminals. The less-than-case picking area (called Repac, here...

21/3,K/19 (Item 1 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2004 Business Wire. All rts. reserv.

00818568 20021203337B6985 (USE FORMAT 7 FOR FULLTEXT)  
**Enterasys Networks Awarded Wawa Food Markets Contract to Deploy Major Network Infrastructure for Convenience Store Chain**  
Business Wire  
Tuesday, December 3, 2002 09:01 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,370

...hours to process each night, the new WAN infrastructure takes significantly less time to poll store systems.

Enterasys switches and RoamAbout wireless products provide reliable, mobile LAN connectivity within each store, supporting Customer Activated Terminals (CAT), a touch-screen terminal that customers use to place an order in the store's Food Service Area. The new system aids in the accuracy of customer orders and in tracking deli sales and inventory. Enterasys RoamAbout R2 Access Points support 802.11b wireless scanners used by the stores for goods receipt and inventory control.

The Enterasys solution, from routers to switches to wireless...

21/3,K/20 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2004 PR Newswire Association Inc. All rts. reserv.

01007373 20030710NYFNST01 (USE FORMAT 7 FOR FULLTEXT)  
**New Car/Travel Innovation Found With 'Combo Caddy'**  
PR Newswire  
Thursday, July 10, 2003 05:06 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 408

TEXT:  
...super-sized drinks and thermoses. When not holding food or drink, the Combo Caddy conveniently stores items such as cell phone, PDA, hand-held video game, or sunglasses. It's stable, and easy to mount on the...

21/3,K/21 (Item 2 from file: 613)  
DIALOG(R)File 613:PR Newswire

(c) 2004 PR Newswire Association Inc. All rts. reserv.

00900281 20021204DAW040 (USE FORMAT 7 FOR FULLTEXT)

**7-Eleven Expands Fresh Food Daily Delivery**

PR Newswire

Wednesday, December 4, 2002 15:42 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 873

TEXT:

...of daily ordering, food preparation and delivery -- all taking place in less than 24 hours. **Stores place their orders** to the company by 10 a.m. Orders are filled, prepared and delivered back to...

...vice president,

Demand Chain for 7-Eleven, Inc. "Daily delivery means just that -- 7-Eleven

**stores can place orders** and get fresh product every single day of the year."

An essential component to the...

...is the company's proprietary retail information system (RIS). The computerized ordering system allows each **store** to customize its orders to **provide** the exact **items** the customers in their neighborhood want. "One store might have a strong market for sushi..."

**21/3,K/22 (Item 3 from file: 613)**

DIALOG(R)File 613:PR Newswire

(c) 2004 PR Newswire Association Inc. All rts. reserv.

00789540 20020701NYM042 (USE FORMAT 7 FOR FULLTEXT)

**7-11 Big Eats Deli Sandwiches Win 2002 Gold Medal Award**

PR Newswire

Monday, July 1, 2002 10:45 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,054

...and inspector located on-site to ensure safe food-handling practices.

Every morning, 7-Eleven **stores place orders** electronically through the company's proprietary Retail Information System computer network. Prepared fresh to order...

**21/3,K/23 (Item 4 from file: 613)**

DIALOG(R)File 613:PR Newswire

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00749349 20020417CGW022 (USE FORMAT 7 FOR FULLTEXT)

**Hager Technology Research Report Recommends NOK**

PR Newswire

Wednesday, April 17, 2002 06:01 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,054

...offered only six  
different phones for its core GSM-900/1800 market, it will be providing  
eleven  
once its latest **product** releases start hitting **store** shelves in the  
coming  
months.

    This trend should come as no surprise, considering how it...  
?

File 348:EUROPEAN PATENTS 1978-2004/Apr W02

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040415,UT=20040408

(c) 2004 WIPO/Univentio

? ds

Set	Items	Description
S1	156743	PDA OR HANDHELD? OR HAND()HELD? OR BLACKBERRY? OR (DIGITAL OR ELECTRONIC) (1W) (APPLIANC? OR DEVICE? OR EQUIPMENT? OR COMPONENT? ? OR APPARATUS) OR PERSONAL() (DIGITAL OR SHOPPING) ()AS-SISTANT? OR WIRELESS
S2	237764	S1 OR THINKPAD? OR NOTEBOOK? OR SUBNOTEBOOK? OR MININOTEBOOK? OR NOTE() (BOOK OR BOOKS OR PAD OR PADS) OR PALM OR PENTOP? OR POCKET OR PORTABLE OR PALM()TOP? OR PALMTOP?
S3	27957	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDIS?) (8N) (-LOCAT? OR RETRIEV? OR FIND OR FINDING?)
S4	155598	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) -(ADDITION? OR ADD OR ADDS OR ADDING OR INPUT? OR PROVIDE OR PROVIDES OR PROVIDING OR INPUT?)
S5	6396	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) -(IDENTIFIER OR IDENTIFIERS OR BRAND OR BRANDS OR BRANDING OR -VIN OR (PRICE OR UPC) () (CODE OR CODES OR DESCRIPTION? OR LABEL OR LABELS OR TAG OR TAGS))
S6	80022	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) -(DISPLAY? OR RECEIV? OR SHOW OR SHOWING OR SCREEN? ? -OR VIEW? ? OR DOWNLOAD? OR UPLOAD? OR (UP OR DOWN) ()LOAD? OR -EXPORT? OR IMPORT?)
S7	9849	(PLACE OR PLACES OR PLACING OR INPUT? OR SUBMIT? OR TRANSMIT?) (1W) (ORDER OR ORDERS OR ORDERING)
S8	105146	(SUGGEST? OR RECOMMEND? OR DETERMIN?) (5N) (ALTERNATIVE? OR -ADDITIONAL? OR OTHER? ? OR OPTION?)
S9	97043	(NAVIGAT? OR SHOW OR SHOWS OR SHOWING) (5N) (AREA? ? OR LOCATION? OR SPACE OR SPACES OR COORDINATE? ? OR FLOOR() (PLAN OR -PLANS) OR LOCALE OR LOCALES OR SPACE OR SPACES OR POSITION? OR ROW OR ROWS OR DEPARTMENT OR DEPARTMENTS OR AISLE?)
S10	228222	(DETERMIN? OR SHOW OR SHOWS OR SHOWING OR DISPLAY?) (5N) (POSITION? OR AREA? ? OR LOCATION? OR SPACE OR SPACES OR COORDINATE? ? OR FLOOR() (PLAN OR PLANS) OR LOCALE OR LOCALES OR SPACE? ? OR SPATIAL? OR ROW? ? OR DEPARTMENT? ? OR AISLE?)
S11	355694	BEACON OR BEACONS OR SENSOR OR SENSORS OR ENVIRONMENTAL() (-MARKING OR MARKINGS) OR GPS OR GLOBAL() POSITIONING? OR BEAM OR BEAMS OR BEAMING
S12	510935	STORE OR STORES OR TRADESHOW? OR TRADE()SHOW? OR MALL OR MALLS OR SHOWROOM? OR SHOW()ROOM? OR MUSEUM? OR CONVENTION OR -CONVENTIONS
S13	56	AU=(MALKIN, P? OR MALKIN P? OR CONNELL, J? OR CONNELL J? -OR KELLOGG, W? OR KELLOGG W?)
S14	6610	S2(S) (S3 OR S4 OR S5 OR S6)
S15	31	S14(5N)S7
S16	26	S15 AND IC=G06F
S17	39	S14(5N)S8
S18	39	S17 NOT S16
S19	15	S18 AND IC=G06F
S20	211	S14(5N) (S9 OR S10)
S21	35	S20(5N) (S11 OR S12)
S22	35	S21 NOT (S16 OR S19)
S23	17	S22 AND IC=G06F
S24	0	S2(S)S13

16/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01649242

**E-appliance for mobile online retailing**  
**E-Vorrichtung für Mobil- und Onlinehandel**  
**Dispositif électronique pour transactions "en-ligne" et mobiles**

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

Kumar, Alok, 2875 White Blossom Lane, Suwanee, Georgia 30024, (US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84715), International IP Department, NCR  
Limited, 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 1357501 A2 031029 (Basic)

EP 1357501 A3 040407

APPLICATION (CC, No, Date): EP 2003251555 030313;

PRIORITY (CC, No, Date): US 102037 020321

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
HU; IE; IT; LI; LU; MC; NL; PT; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 85

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200344	484
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SPEC A	(English)	200344	5994
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Total word count - document A	6478
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Total word count - document B	0
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Total word count - documents A + B	6478
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INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION presenting the received items on the display component for  
selection by a user of the **portable** device; and e) **placing** an **order**  
with the server based on at least one of the items selected by the user  
...

...CLAIMS presenting the received items on the display component for  
selection by a user of the **portable** device; and **placing** an **order**  
with the server based on at least one of the items selected by the  
user...

16/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01453368

**Simplified order-placement and reception processing method and system**  
**Vereinfachte Bestellungs- und Annahme- Verfahren und Vorrichtung**  
**Systeme et methode de commande et de reception simplifiees**

PATENT ASSIGNEE:

JUKEN SANGYO CO., LTD., (4046370), 1-1, Mokuzaikou-Minami,



Hatsukaichi-shi, Hiroshima 738-8502, (JP), (Applicant designated States: all)

INVENTOR:

Nakamoto, Yusho, 19-18, Ajina 4-chome, Hatsukaichi-shi, Hiroshima, 738-0054, (JP)  
Muneishi, Tomio, 3-21-6, Toshimatsu, Saeki-ku, Hiroshima-shi, Hiroshima, 731-5106, (JP)  
Teraoka, Takamichi, 4-18-7-13, Takasu, Nishi-ku, Hiroshima-shi 733-0871, (JP)  
Kanbara, Takashi, 10-504, 6-ban, Suga, Hatsukaichi-shi, Hiroshima, 738-0017, (JP)

LEGAL REPRESENTATIVE:

Panten, Kirsten et al (87441), Reichel & Reichel, Patentanwalte, Parkstrasse 13, 60322 Frankfurt am Main, (DE)

PATENT (CC, No, Kind, Date): EP 1244041 A2 020925 (Basic)  
EP 1244041 A3 040121

APPLICATION (CC, No, Date): EP 2002005730 020313;

PRIORITY (CC, No, Date): JP 200179026 010319

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 107

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200239	1158
SPEC A	(English)	200239	6443
Total word count - document A			7601
Total word count - document B			0
Total word count - documents A + B			7601

INTERNATIONAL PATENT CLASS: G06F-017/60

...ABSTRACT of a relevant product distribution channel in response to an inquiry request from the PDA, **displaying** the stocked- **product** data transmitted from the host computer on a **screen** in the **PDA**, and **placing** an **order** from the **screen** on which the stocked- **product** data are **displayed** in the PDA.

...SPECIFICATION displaying the stocked-product data transmitted from the host computer on a screen in the **personal digital assistant**, and **placing** an **order** from the **screen** on which the stocked- **product** data are **displayed** in the personal digital assistant.  
Preferably, the host computer sets known estimation data, as default...

...an inquiry request from the personal digital assistant, and means for creating estimation-data to **transmit** an **order** placement screen to the **personal digital assistant** in response to an order placement request which is issued from the personal digital assistant...

...CLAIMS displaying the stocked-product data transmitted from the host computer on a screen in the **personal digital assistant**; and

**placing** an **order** from the **screen** on which the stocked-**product** data are **displayed** in the personal digital assistant.

2. A method according to claim 1, wherein the host...

...an inquiry request from the personal digital assistant; and  
means for creating estimation-data to **transmit** an **order** placement  
screen to the **personal digital assistant** in response to an  
order placement request which is issued from the personal digital  
assistant...

**16/3,K/3 (Item 3 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01432582

**Digital purchase transaction receipt**

**Digitale Transaktionsquittung**

**Recu de transaction numerique**

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

White, Daniel Frederick, 3855 Riverbank Drive, Lilburn, Georgia 30047,  
(US)

Greene, James Douglas, 312 Breezewood Court, Suwanee, Georgia 30024, (US)

Lyons, Dale Richard, 325 Hunt River Way, Suwanee, Georgia 30024, (US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84715), International IP Department, NCR  
Limited, 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 1211622 A2 020605 (Basic)

EP 1211622 A3 040310

APPLICATION (CC, No, Date): EP 2001308250 010927;

PRIORITY (CC, No, Date): US 678590 001003; US 679190 001003

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 106

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200223	1040
SPEC A	(English)	200223	9619
Total word count - document A			10659
Total word count - document B			0
Total word count - documents A + B			10659

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION decision. The consumer then uses the telephone 122 to  
contact a call center 134 to **place** the **order**. A **personal digital**  
**assistant** ( **PDA** ) 130 may also be used as a the point-of-sale device  
with the call...

**16/3,K/4 (Item 4 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01431239

Collection of transaction data from digital receipts generated by a plurality of businesses  
Verfahren zum Sammeln von Transaktionsdaten digitaler Quittungen, erzeugt durch eine Vielzahl von Geschäftsvorgängen  
Collecte de donnees de transactions originaires de recus digitaux generes par une pluralite de vendeurs

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

White, Daniel Frederick, 3855 Riverbank Drive, Lilburn, Georgia 30047,  
(US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84715), International IP Department, NCR  
Limited, 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 1209601 A2 020529 (Basic)  
EP 1209601 A3 040204

APPLICATION (CC, No, Date): EP 2001308254 010927;

PRIORITY (CC, No, Date): US 678350 001003

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 103

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200222	229
SPEC A	(English)	200222	9503
Total word count - document A			9732
Total word count - document B			0
Total word count - documents A + B			9732

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION decision. The consumer then uses the telephone 122 to contact a call center 134 to place the order. A personal digital assistant (PDA) 130 may also be used as a the point-of-sale device with the call...

16/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01421050

Digital purchase transaction receipt having an attachment correlated to payment method

Digitale Transaktionsquittung mit einem sich auf die Bezahlungsart beziehenden Anhang

Recu numerique de transactions d'achat ayant une annexe liee a la methode de paiement

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

Flynn, Tracey Lee, 2780 Lakewind Court, Alpharetta, Georgia 30005, (US)

Greene, James Douglas, 312 Breezewood Court, Suwanee, Georgia 30024, (US)  
White, Daniel Frederick, 3855 Riverbank Drive, Lilburn, Georgia 30047,  
(US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84715), International IP Department, NCR  
Limited, 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 1199664 A2 020424 (Basic)

EP 1199664 A3 040204

APPLICATION (CC, No, Date): EP 2001308277 010927;

PRIORITY (CC, No, Date): US 678036 001003

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 107

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200217	681
SPEC A	(English)	200217	9657
Total word count - document A			10338
Total word count - document B			0
Total word count - documents A + B			10338

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION decision. The consumer then uses the telephone 122 to  
contact a call center 134 to **place** the **order** . A **personal digital**  
**assistant** ( PDA ) 130 may also be used as a the point-of-sale device  
with the call...

16/3,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01414920

Digital receipt with an embedded identifier

Digitale Quittung mit eingebettetem Identifizierer

Recu digital avec un identificateur incorpore

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

White, Daniel Frederick, 3855 Riverbank Drive, Lilburn, Georgia 30047,  
(US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84715), International IP Department, NCR  
Limited, 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 1195707 A2 020410 (Basic)

EP 1195707 A3 040310

APPLICATION (CC, No, Date): EP 2001308275 010927;

PRIORITY (CC, No, Date): US 678886 001003

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 79

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200215	400
SPEC A	(English)	200215	9472
Total word count - document A			9872
Total word count - document B			0
Total word count - documents A + B			9872

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION decision. The consumer then uses the telephone 122 to contact a call center 134 to place the order. A personal digital assistant ( PDA ) 130 may also be used as a the point-of-sale device with the call...

16/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01414916

Scheduled forwarding of a digital receipt

Termingesteuerte Weiterleitung einer Empfangsbestätigung

Retransmission planifiee d'un recu digital

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

Lyons, Dale Richard, 325 Hunt River Way, Suwanee, Georgia 30024, (US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84715), International IP Department, NCR  
Limited, 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 1195728 A2 020410 (Basic)

APPLICATION (CC, No, Date): EP 2001308256 010927;

PRIORITY (CC, No, Date): US 678884 001003

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07F-007/10; G06F-017/60

ABSTRACT WORD COUNT: 82

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200215	537
SPEC A	(English)	200215	9529
Total word count - document A			10066
Total word count - document B			0
Total word count - documents A + B			10066

...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION decision. The consumer then uses the telephone 122 to

contact a call center 134 to place the order . A personal digital assistant ( PDA ) 130 may also be used as a the point-of-sale device with the call...

16/3,K/8 (Item 8 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01414915

Selective omission of transaction data in a digital receipt  
Selektives Weglassen von Transaktionsdaten in einer digitalen Quittung  
Omission selective de donnees d'une transaction dans un reçu digital  
PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

White, Daniel Frederick, 3855 Riverbank Drive, Lilburn, Georgia 30047,  
(US)

LEGAL REPRESENTATIVE:

Williamson, Brian (84715), International IP Department, NCR Limited, 206  
Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 1195727 A2 020410 (Basic)

APPLICATION (CC, No, Date): EP 2001308255 010927;

PRIORITY (CC, No, Date): US 678885 001003

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07F-007/10; G06F-017/60

ABSTRACT WORD COUNT: 73

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200215	331
SPEC A	(English)	200215	9677
Total word count - document A			10008
Total word count - document B			0
Total word count - documents A + B			10008

...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION decision. The consumer then uses the telephone 122 to contact a call center 134 to place the order . A personal digital assistant ( PDA ) 130 may also be used as a the point-of-sale device with the call...

16/3,K/9 (Item 9 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01414911

Forwarding of selective transaction data from a digital receipt to a non-party to the transaction

Weitergeben von selektiven Transaktionsdaten von einem digitalen Empfänger an einen an der Transaktion nicht beteiligten

Transmission de donnees specifiques de transaction a partir d'un recepteur

**digital vers une partie non concernee par la transaction**

**PATENT ASSIGNEE:**

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Applicant designated States: all)

**INVENTOR:**

Flynn, Tracey Lee, 2780 Lakewind Court, Alpharetta, Georgia 30005, (US)

**LEGAL REPRESENTATIVE:**

Williamson, Brian et al (84715), International IP Department, NCR  
Limited, 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 1195706 A2 020410 (Basic)

APPLICATION (CC, No, Date): EP 2001308225 010927;

PRIORITY (CC, No, Date): US 679188 001003

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G07F-019/00

ABSTRACT WORD COUNT: 179

**NOTE:**

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200215	589
SPEC A	(English)	200215	9683
Total word count - document A			10272
Total word count - document B			0
Total word count - documents A + B			10272

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...SPECIFICATION decision. The consumer then uses the telephone 122 to  
contact a call center 134 to **place the order** . A **personal digital**  
**assistant ( PDA )** 130 may also be used as a the point-of-sale device  
with the call...

**16/3,K/10 (Item 10 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01313900

**Portable electronic terminal and data processing system**

**Tragbares elektronisches Terminal und Datenverarbeitungssystem**

**Terminal electronique et portable et systeme de traitement de donnees**

**PATENT ASSIGNEE:**

SYMBOL TECHNOLOGIES, INC., (417665), One Symbol Plaza, Holtsville, New  
York 11742-1300, (US), (Applicant designated States: all)

**INVENTOR:**

Nambudri, Narayan, 37 Indian Trace, Kings Park, NY 11754, (US)

Roslak, Thomas K., 34 Andy's Lane, Eastport, NY 11941, (US)

Swartz, Jerome, 199 Old Field Road, Old Field, NY 11733, (US)

**LEGAL REPRESENTATIVE:**

Wagner, Karl H., Dipl.-Ing. (12561), WAGNER & GEYER Patentanwalte  
Gewurzmuhlstrasse 5, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1124193 A1 010816 (Basic)

APPLICATION (CC, No, Date): EP 2000102874 000211;

DESIGNATED STATES: DE; FR; GB; IT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 239

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200133	4899
SPEC A	(English)	200133	18678
Total word count - document A			23577
Total word count - document B			0
Total word count - documents A + B			23577

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION the host modem, and at least one shopping establishment kiosk cradle.

The present invention also **provides** a method of **placing** an **order** for **items** including at least one of goods and services. The method includes the steps of reading...

16/3,K/11 (Item 11 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01310337

**Personal shopping system**  
**Personliches Einkaufssystem**  
**Systeme d'achat personnalise**  
PATENT ASSIGNEE:

SYMBOL TECHNOLOGIES, INC., (417665), One Symbol Plaza, Holtsville, New York 11742-1300, (US), (Applicant designated States: all)

INVENTOR:

Roslak, Thomas K., 34 Andy's Lane, Eastport, New York 11941, (US)

Petrovich, Adam, 415 Kittanning Pike, Pittsburgh, Pennsylvania 15215, (US)

Schwartz, Jerome, 199 Old Field Road, Old Field, New York 11733, (US)

Jenkins, Ian, 14 Blinker Light Road, Stony Brook, New York 11790, (US)

Pellaumail, John, Wellers Cottage Crazies Hill, Wargrave RG10 8LY, (GB)

LEGAL REPRESENTATIVE:

Wagner, Karl H., Dipl.-Ing. et al (12567), Wagner & Geyer, Patentanwälte, Gewürzmühlstrasse 5, 80538 München, (DE)

PATENT (CC, No, Kind, Date): EP 1120727 A2 010801 (Basic)  
EP 1120727 A3 010808

APPLICATION (CC, No, Date): EP 2001101197 010124;

PRIORITY (CC, No, Date): US 490529 000125

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 116

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200131	2210
SPEC A	(English)	200131	26944
Total word count - document A			29154



Total word count - document B 0  
Total word count - documents A + B 29154

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION appropriate communications device, and at least one shopping establishment kiosk cradle.

The present invention also provides a method of placing an order for items including at least one of goods and services. The method includes the steps of reading...

16/3,K/12 (Item 12 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01259412

Method and system for generating web pages with information displayed in a carousel

Verfahren und System zum Erstellen von Web-Seiten mit in einem Karussell angezeigter Information

Procede et appareil pour generer des pages Web avec des informations affichees dans un carroussel

PATENT ASSIGNEE:

GoodHome.com, (3123030), 899 Northgate Drive, 4th Floor, San Rafael, California 94903, (US), (Applicant designated States: all)

INVENTOR:

Hakman, Kevin, 663 Battery Street Suite 119, San Francisco California 94111, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1087303 A2 010328 (Basic)

APPLICATION (CC, No, Date): EP 120662 000921;

PRIORITY (CC, No, Date): US 183040 990922; US 649275 000828

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30 ; G06F-003/033

ABSTRACT WORD COUNT: 127

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200113	315
SPEC A	(English)	200113	3790
Total word count - document A			4105
Total word count - document B			0
Total word count - documents A + B			4105

INTERNATIONAL PATENT CLASS: G06F-017/30 ...

... G06F-003/033

...SPECIFICATION information describing the items within that category is provided. The user can then select an item to view more detailed information about the item or to place an order to purchase the item. For example, if the catalog describes electronic equipment, one

category may...

16/3,K/13 (Item 13 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00579965

INFORMATION SYSTEM

INFORMATIONSSYSTEM

SYSTEME DE DONNEES

PATENT ASSIGNEE:

Esel-Krabbe Systems A/S, (1562550), Porthusvej 9, 3490 Kvistgaard, (DK),  
(applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;MC;NL;SE)

INVENTOR:

BARFOD, Jesper, Malm, Petersborgvej 4, DK-3120 Dr. Moelle, (DK)

LEGAL REPRESENTATIVE:

Kjerrumgaard, Bent et al (60921), Ostenfeld Patentbureau A/S Bredgade 41  
P.O. Box 1183, 1011 Copenhagen K, (DK)

PATENT (CC, No, Kind, Date): EP 576532 A1 940105 (Basic)

EP 576532 B1 961204

WO 9216901 921001

APPLICATION (CC, No, Date): EP 92907631 920320; WO 92DK90 920320

PRIORITY (CC, No, Date): DK 91520 910322

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; MC; NL;  
SE

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G07G-001/14; A47F-010/02

ABSTRACT WORD COUNT: 133

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	EPAB96	990
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CLAIMS B	(German)	EPAB96	919
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CLAIMS B	(French)	EPAB96	1016
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SPEC B	(English)	EPAB96	7378
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Total word count - document A	0
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Total word count - document B	10303
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Total word count - documents A + B	10303
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INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...SPECIFICATION station, it is also possible, by means of the portable  
controller, to communicate through the **display** with the master  
station, e.g. to **place merchandise orders** or to acknowledge the  
inspection of a particular shelf.

The invention further provides an information...

16/3,K/14 (Item 14 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00259451

Electronic memorandum.

Elektronisches Memorandum.

Aide-memoire electronique.

PATENT ASSIGNEE:

SEIKO INSTRUMENTS INC., (839490), 31-1, Kameido 6-chome Koto-ku, Tokyo  
136, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Kubota, Hirokazu, c/o Seiko Instruments Inc. 31-1, Kameido 6-chome,  
Koto-ku Tokyo, (JP)

LEGAL REPRESENTATIVE:

Tiedtke, Harro, Dipl.-Ing. et al (11946), Patentanwaltsburo  
Tiedtke-Buhling-Kinne- Grupe-Pellmann-Grams-Struif Bavariaring 4  
Postfach 20 24 03, W-8000 Munchen 2, (DE)

PATENT (CC, No, Kind, Date): EP 261496 A2 880330 (Basic)  
EP 261496 A3 880727  
EP 261496 B1 920617

APPLICATION (CC, No, Date): EP 87113127 870908;

PRIORITY (CC, No, Date): JP 86225731 860924

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/02

ABSTRACT WORD COUNT: 102

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	167
CLAIMS B	(German)	EPBBF1	169
CLAIMS B	(French)	EPBBF1	205
SPEC B	(English)	EPBBF1	2456
Total word count - document A			0
Total word count - document B			2997
Total word count - documents A + B			2997

INTERNATIONAL PATENT CLASS: G06F-015/02

...CLAIMS whether an entry is to be repeated yearly,  
storing means (23) for storing entries in **date order** in a  
memory (21),  
**display** means (22) for **displaying** said entries,  
time counting means ( 10 ) for **counting** a present time and date,  
comparison means (14) **for** comparing said present date with the date  
part of the first of said entries in...

16/3,K/15 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01095105 \*\*Image available\*\*

**HAND-HELD INVENTORY TRACKING AND AUTOMATED ORDER TRANSMISSION SYSTEM**  
**SYSTEME PORTABLE AUTOMATISE DE TRANSMISSION DE COMMANDE ET DE SUIVI DE**  
**STOCK**

Patent Applicant/Assignee:

JOHNSON & JOHNSON VISION CARE INC, 7596 Centurion Parkway, Jacksonville,  
FL 32256, US, US (Residence), US (Nationality)

Inventor(s):

WANG Daniel Tsu-Fang, 5050 Rivebrook Ct., Jacksonville, FL 32277, US,  
DUIB Donnie, 2288 Brentfield Road West, Jacksonville, FL 32225, US,  
CORCORAN Catherine, 7748 Crosstree Lane, Jacksonville, FL 32256-2351, US,

PELGER Andrew, 5135 Derby Forest Dr. N, Jacksonville, FL 32258, US,

RAJA Ranganath R, 8916 Timberjack Lane, Jacksonville, FL 32256, US,

Legal Representative:

JOHNSON Philip S (et al) (agent), Johnson & Johnson, One Johnson &

Johnson Plaza, New Brunswick, NJ 08933-7003, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200417156 A2 20040226 (WO 0417156)  
Application: WO 2002US26002 20020815 (PCT/WO US02026002)  
Priority Application: WO 2002US26002 20020815  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 14771

Main International Patent Class: G06F  
Fulltext Availability:  
Detailed Description

Detailed Description

16/3,K/16 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01045155 \*\*Image available\*\*  
SYSTEM AND METHOD FOR PREPROGRAMMED PURCHASING OF TELEVISION OFFERED  
PRODUCTS

SYSTEME ET PROCEDE D'ACHAT PREPROGRAMME DE PRODUITS OFFERTS A LA TELEVISION

Patent Applicant/Assignee:

GEMSTAR DEVELOPMENT CORPORATION, 6922 Hollywood Boulevard, Los Angeles,  
CA 90028, US, US (Residence), US (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

ALEXANDER Ronald, 43 Fisher Street, Needham, MA 02192, US, US (Residence)  
, US (Nationality), (Designated only for: US)

Legal Representative:

TABANDEH Raymond R (agent), Christie, Parker & Hale, LLP, P.O. Box 7068,  
Pasadena, CA 91109-7068, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200375128 A2 20030912 (WO 0375128)  
Application: WO 2003US6507 20030303 (PCT/WO US0306507)  
Priority Application: US 2002360780 20020301

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9936

Main International Patent Class: G06F  
Fulltext Availability:

Detailed Description

Detailed Description

... second trigger  
instruction in a television signal; a display processor for  
prompting a user to **input order** information for a **product** ,  
responsive to the first trigger instruction; a user  
interface for receiving the order information from...

16/3,K/17 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00987444 \*\*Image available\*\*

**HAND-HELD INVENTORY TRACKING AND AUTOMATED ORDER TRANSMISSION SYSTEM**  
**SYSTEME PORTATIF DE SUIVI DE L'INVENTAIRE ET SYSTEME DE TRANSMISSION**  
**AUTOMATIQUE DES COMMANDES**

Patent Applicant/Assignee:

JOHNSON & JOHNSON VISION CARE INC, 7596 Centurion Parkway, Jacksonville,  
FL 32256, US, US (Residence), US (Nationality)

Inventor(s):

WANG Daniel, \*, --,  
DUISSON Donnie, 3657 Shawnee Shores Drive, Jacksonville, FL 32225, US,  
CORCORAN Catherine, \*, --,  
PELGER Andrew, \*, --,  
RAJA Ranganatha, \*, --,

Legal Representative:

JOHNSON Philip S (et al) (agent), Johnson & Johnson, One Johnson &  
Johnson Plaza, New Brunswick, NJ 08933-7003, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200317058 A2-A3 20030227 (WO 0317058)

Application: WO 2002US26114 20020815 (PCT/WO US02026114)

Priority Application: US 2001312635 20010815

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14669

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... 5(c) particularly exemplifies the use of the PDA 16 equipped with bar  
code scanner **providing a display** 450 including functionality for  
**placing product orders** including: an option 453 for specifying the  
type of lens product to be ordered, and...

16/3,K/18 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00963490      \*\*Image available\*\*

**AVI FOR EXPEDITED MOBILE ORDERING AND FULFILLMENT**

**IDENTIFICATION AUTOMATIQUE DE VEHICULE POUR COMMANDE ET EXECUTION DE  
COMMANDE DE MANIERE MOBILE**

**Patent Applicant/Assignee:**

TC (BERMUDA) LICENSE LTD, Cedar House, 41 Cedar Avenue, 12 Hamilton, BM,  
-- (Residence), -- (Nationality), (For all designated states except:  
US)

**Patent Applicant/Inventor:**

GRAVELLE Kelly, 11685 Via Tavito, San Diego, CA 92128, US, US (Residence)  
, US (Nationality), (Designated only for: US)

**Legal Representative:**

GREENBAUM Michael C (agent), Blank Rome Comisky & McCauley, 900 17th  
Street, N.W., Suite 1000, Washington, DC 20006, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200297567 A2-A3 20021205 (WO 0297567)

Application: WO 2002US16309 20020524 (PCT/WO US0216309)

Priority Application: US 2001864443 20010525

**Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU**

**CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP**

**KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO**

**RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW**

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3550

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... goods or merchandise that have been ordered.

More specifically, the method includes the steps of **placing an order**  
for an **item** by specifying the **item**, **location** for picking up the  
**item**, expected time of **item** pick up, and an identification; relaying  
the order to a validating processor; identifying a wireless...

**Claim**

I An ordering method comprising:

**placing an order** for an **item** by specifying the item and a **location**  
for picking up the **item**,

and by **providing** an identification;

relaying the order to a validating processor;

identifying a wireless tag identification...identification number with a  
record of validated tags.

17 An ordering system comprising:

means for **placing an order** for an **item**, the order including the  
**item**, a **location** for picking

up the **item**, and an identification;

a communication channel for relaying the order to a validating processor;

means...

16/3,K/19 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00961422 \*\*Image available\*\*  
DOMAIN PLACE REGISTRATION SYSTEM AND METHOD FOR REGISTERING FOR GEOGRAPHIC  
BASED SERVICES

SYSTEME D'ENREGISTREMENT DE LIEU DE DOMAINE ET PROCEDE D'ENREGISTREMENT DE  
SERVICES FONDES SUR LA GEOGRAPHIE

Patent Applicant/Assignee:

WAYPORT INC, 8303 North MoPac Expressway, Suite A-300, Austin, TX 78759,  
US, US (Residence), US (Nationality)

Inventor(s):

STEWART Brett B, P.O. Box 50544, Austin, TX 78763, US,

Legal Representative:

HOOD Jeffrey C (agent), Conley, Rose & Tayon, P.C., P.O. Box 398, Austin,  
TX 78767-0398, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200295532 A2-A3 20021128 (WO 0295532)

Application: WO 2002US15568 20020517 (PCT/WO US0215568)

Priority Application: US 2001861201 20010518

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12543

Main International Patent Class: G06F-017/30

Fulltext Availability:

Detailed Description

Detailed Description

... associated web sites which are accessible by their customers through  
the AP to send or receive information, place orders for products  
or services, etc.

However, the information available on these web sites is typically

16/3,K/20 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00922110 \*\*Image available\*\*

BUYER MANAGED ORDER TRANSMITTING SYSTEM AND METHOD

SYSTEME ET PROCEDE POUR LA TRANSMISSION DE COMMANDE GEREE PAR RAPPORT A  
L'ACHETEUR

Patent Applicant/Assignee:

IPOWER LOGISTICS LLC, Suite 850, 812 Huron Road, Cleveland, OH 44115, US,  
US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

CHESLEY Robert A, 161 Ash Swamp Road, Newmarket, NH 03857, US, US

(Residence), US (Nationality), (Designated only for: US)  
BREAULT Christopher J, 70 Holden Road, Paxton, MA 01612, US, US  
(Residence), US (Nationality), (Designated only for: US)  
DOUCETTE John L, 22 Nicole Avenue, Northbridge, MA 01534, US, US  
(Residence), US (Nationality), (Designated only for: US)  
MARVIN Michael P, 11765 Pinehurst Lane, Chardon, OH 44024, US, US  
(Residence), US (Nationality), (Designated only for: US)  
SULLIVAN Joseph D Jr, Suite 2B, 13715 Shaker Blvd., Cleveland, OH 44120,  
US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

KONDAS Brian E (agent), Calfee, Halter & Griswold LLP, Suite 1400, 800  
Superior Avenue, Cleveland, Ohio 44114, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200256140 A2-A3 20020718 (WO 0256140)

Application: WO 2002US1064 20020115 (PCT/WO US0201064)

Priority Application: US 2001261852 20010115

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6259

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... alone. It is also contemplated that a smart input device may include a  
means for **transmitting order** receipt information (e.g., via **wireless**  
means such as infra-red and/or radio  
frequency transmitters, cellular communications, wireless internet  
communications...

16/3,K/21 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00883045 \*\*Image available\*\*

**METHOD AND SYSTEM FOR REDEMPTION OF ELECTRONIC COUPONS**

**PROCEDE ET SYSTEME DE RACHAT DE COUPONS ELECTRONIQUES**

Patent Applicant/Assignee:

ELECTRONIC EQUITIES INC, Empire State Building, 71st floor, 350 Fifth  
Avenue, New York, NY 10118, US, US (Residence), US (Nationality)

Inventor(s):

CARFAGNA Michael P, Apartment No. 32, 37-28 80th Street, Jackson Heights,  
NY 11372, US,

Legal Representative:

KELBER Steven B (et al) (agent), Piper Marbury Rudnick & Wolfe LLP, 1200  
Nineteenth Street, N.W., Washington, DC 20036, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200217191 A1 20020228 (WO 0217191)

Application: WO 2001US25994 20010821 (PCT/WO US0125994)

Priority Application: US 2000641971 20000821

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU



CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6676

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... for sale with promotional offers from participating suppliers. At step 603, a customer visits the **display**, and at step 613, **places** an **order** for **products** /services offered for sale together with promotional offers from participating suppliers. At step 605, the...

...for sale with promotional offers from participating suppliers. At step 705, a customer visits the **display**, and at step 715, **places** an **order** for **products** /services offered for sale together with promotional offers from participating suppliers. At step 707, the...for sale with promotional offers from participating suppliers. At step 805, a customer visits the **display**, and at step 815, **places** an **order** for **products** /services offered for sale together with promotional offers from participating suppliers. At step 807, the...

16/3,K/22 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00865350 \*\*Image available\*\*

**AUTOMATED CLAIMS FULFILLMENT SYSTEM**

**SYSTEME AUTOMATISE DE GESTION DE DECLARATIONS DE SINISTRE**

Patent Applicant/Assignee:

AMERICAN MANAGEMENT SYSTEMS INC, 4050 Legato Road, Fairfax, VA 22033, US,  
US (Residence), US (Nationality)

Inventor(s):

RICHARDSON Peter Edward, Craigview, Clovenfords, Galashiels TD1 3LU, GB,  
HARVIE John Charles, 24 Bannister Gardens, Storrington, West Sussex RH20  
4PU, GB,

Legal Representative:

KRAVETZ Paul I (agent), Staas & Halsey LLP, Suite 500, 700 Eleventh St.  
NW, Washington, DC 20001, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200198914 A1 20011227 (WO 0198914)

Application: WO 2001US40859 20010607 (PCT/WO US0140859)

Priority Application: US 2000598693 20000621

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 8872

Main International Patent Class: G06F-015/00  
Fulltext Availability:  
Claims

Claim

... lier 16 confirms delivW date to claims fulfillment system 18. Prior  
Step: 4 1 1 ( Place order ). Input : A list of line items to be  
procured from a particular supplier 16. Activity: The supplier 16  
confirms the delivery...

16/3,K/23 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF  
MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A  
MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE  
PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION  
D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400  
Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

Main International Patent Class: G06F-017/60

16/3,K/24 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00565082 \*\*Image available\*\*

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR ADVANCED MOBILE BARGAIN  
SHOPPING

**SYSTEME, METHODE ET ARTICLE FABRIQUE POUR EMPLETTES PROMOTIONNELLES PAR  
UTILISATION D'UN DISPOSITIF MOBILE DE TECHNOLOGIE DE POINTE**

Patent Applicant/Assignee:

AC PROPERTIES B V,  
GOTTSMAN Edward,  
BRODY Adam,

Inventor(s):

GOTTSMAN Edward,  
BRODY Adam,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200028455 A1 20000518 (WO 0028455)

Application: WO 99US26726 19991110 (PCT/WO US9926726)

Priority Application: US 98110817 19981112; US 98196339 19981119

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM

AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL

PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 21129

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

English Abstract

...and displayed on the hand-held device's screen. The user may then use  
the **hand - held** device to **place** an **order** interactively.

Detailed Description

... and displayed on the hand-held device's screen. The user may then use

the hand - held device to place an order interactively.

DESCRIPTION OF THE DRAWINGS

The foregoing and other objects, aspects and advantages are better...

16/3,K/25 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00551289 \*\*Image available\*\*

ORDERING SYSTEM

SYSTEME DE PASSATION DE COMMANDE

Patent Applicant/Assignee:

FORTOAK LIMITED,  
SALTER David Frank,  
CALLOW Michael William,

Inventor(s):

SALTER David Frank,  
CALLOW Michael William,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200014662 A1 20000316 (WO 0014662)

Application: WO 99GB2815 19990826 (PCT/WO GB9902815)

Priority Application: GB 9819391 19980904

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD

RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF

CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 3004

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

English Abstract

...enabling a user to input order instructions to the terminal,  
transmitter and receiver means for **transmitting** an **order** signal  
representing the **input order** instructions and the read **product**  
data, together with an identification code identifying the particular  
user terminal, and for receiving response...

Claim

... to the

terminal;

first transmitter and receiver means coupled to the  
first processing means for **transmitting** an **order** signal  
representing the **input** order instructions and the read  
**product** data, together with an identification code  
identifying the particular user terminal, and for receiving  
response...

...order instructions to the

terminal;

transmitter and receiver means coupled to the  
processing means for **transmitting** an **order** signal  
representing the **input order** instructions and the read  
**product** data, together with an identification code

identifying the particular user terminal, and for receiving response...

16/3,K/26 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00219666 \*\*Image available\*\*

**INFORMATION SYSTEM**

**SYSTEME DE DONNEES**

Patent Applicant/Assignee:

ESEL A S,

BARFOD Jesper Malm,

Inventor(s):

BARFOD Jesper Malm,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9216901 A1 19921001

Application: WO 92DK90 19920320 (PCT/WO DK9200090)

Priority Application: DK 52091 19910322

Designated States: AT AT AU BB BE BF BG BJ BR CA CF CG CH CH CI CM CS DE DE

DK DK ES ES FI FR GA GB GB GN GR HU IT JP KP KR LK LU LU MC MG ML MN MR

MW NL NL NO PL RO RU SD SE SE SN TD TG US

Publication Language: English

Fulltext Word Count: 8291

Main International Patent Class: **G06F-015/21**

Fulltext Availability:

Detailed Description

Detailed Description

... station, it is also possible, by means of the portable controller, to communicate through the **display** with the master station, e.g. to **place**

**merchandise orders** or to acknowledge the inspection of a particular shelf.

The invention further provides an information...

?

19/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01594330

Planning and maintenance board display system for an equipment rental business

System zum Anzeigen der Wartungsplanung fur Maschinenleihgeschafte  
Ecran et systeme de planification de la maintenance pour la location d'equipements

PATENT ASSIGNEE:

Caterpillar Inc., (759705), Intellectual Property Department, 100 N.E. Adams Street, Peoria Illinois 61629-6490, (US), (Applicant designated States: all)

INVENTOR:

Feser, John M., c/o CATERPILLAR INC., 100 N.E. Adams Street, Peoria, Illinois 61629-6490, (US)  
Janda, Steven R., c/o CATERPILLAR INC., 100 N.E. Adams Street, Peoria, Illinois 61629-6490, (US)  
Shepard, James R., c/o CATERPILLAR INC., 100 N.E. Adams Street, Peoria, Illinois 61629-6490, (US)  
Travailliot, Paul, c/o CATERPILLAR INC., 100 N.E. Adams Street, Peoria, Illinois 61629-6490, (US)

LEGAL REPRESENTATIVE:

Wagner, Karl H., Dipl.-Ing. (12561), WAGNER & GEYER Patentanwalte  
Gewurzmuhlstrasse 5, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1321873 A2 030625 (Basic)  
EP 1321873 A3 030709

APPLICATION (CC, No, Date): EP 2002027392 021209;

PRIORITY (CC, No, Date): US 341842 P 011221; US 134610 020430

DESIGNATED STATES: DE; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 58

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200326	432
SPEC A	(English)	200326	3808
Total word count - document A			4240
Total word count - document B			0
Total word count - documents A + B			4240

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION since the last oil change, computer 114 may determine that an oil change is needed. **Handheld** device 130 may similarly **determine** information, or **alternatively**, may receive this information from computer 114. Fig. 3 describes handheld device 130 in greater...

19/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00711606

Start code detector for image sequences

Detektor fur den Startcode von Bildsequenzen  
Detecteur de code de depart pour sequences d'images

PATENT ASSIGNEE:

DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA  
92714, (US), (Proprietor designated states: all)

INVENTOR:

Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol BS16 1NA,  
(GB)  
Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley,  
Gloucestershire GL11 6BD, (GB)  
Robbins, William Philip, 19 Springhill, Cam, Gloucestershire GL11 5PE,  
(GB)  
Finch, Helen Rosemary, Tyley, Coombe, Wotton-Under-Edge, Gloucester. GL12  
7ND, (GB)  
Boyd, Kevin James, 21 Lancashire Road, Bristol BS7 9DL, (GB)

LEGAL REPRESENTATIVE:

Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20,  
rue Louis Chirpaz, 69131 Ecully Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 674443 A2 950927 (Basic)  
EP 674443 A3 951213  
EP 674443 A3 981223  
EP 674443 B1 010509

APPLICATION (CC, No, Date): EP 95301301 950228;

PRIORITY (CC, No, Date): GB 9405914 940324

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 891089 (EP 98202149)  
(EP 98202154)

EP 884910 (EP 98202132)  
EP 891088 (EP 98202133)  
EP 897244 (EP 98202134)  
EP 901286 (EP 98202135)  
EP 901287 (EP 98202166)  
EP 896473 (EP 98202170)  
EP 896474 (EP 98202171)  
EP 896476 (EP 98202174)  
EP 896475 (EP 98202172)

INTERNATIONAL PATENT CLASS: H04N-007/24; G06F-013/00 ; G06F-009/38

ABSTRACT WORD COUNT: 102

NOTE:

Figure number on first page: 61

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	2897
CLAIMS B	(English)	200119	647
CLAIMS B	(German)	200119	609
CLAIMS B	(French)	200119	752
SPEC A	(English)	EPAB95	128616
SPEC B	(English)	200119	122384
Total word count - document A			131543
Total word count - document B			124392
Total word count - documents A + B			255935

...INTERNATIONAL PATENT CLASS: G06F-013/00 ...

... G06F-009/38

...SPECIFICATION and transfer valid data downstream. Even when several  
pipeline stages temporarily cannot accept new data, **other** stages can

continue to operate normally. In particular, the pipeline can continue to accept data...

19/3,K/3 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01060154 \*\*Image available\*\*

**WIRELESS SHOPPING SYSTEM AND METHOD  
SYSTEME ET PROCEDE D'ACHAT SANS FIL**

Patent Applicant/Assignee:

COMPUTER ASSOCIATES THINK INC, One Computer Associates Plaza, Islandia,  
NY 11749, US, US (Residence), US (Nationality)

Inventor(s):

DIVEKAR Sandeep, 1311 Valley Heart Drive, Burbank, CA 91506, US,

Legal Representative:

JACOBS James David (et al) (agent), Baker & McKenzie, 805 Third Avenue,  
New York, NY 10022, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200390145 A1 20031030 (WO 0390145)

Application: WO 2002US12175 20020419 (PCT/WO US0212175)

Priority Application: WO 2002US12175 20020419

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8506

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... include data indicating the item name, item description,  
model name/number, manufacturer name, stock number,  
**suggested** price, and the name of **other** merchants selling  
the **item** along with their corresponding prices. The  
user can **view** a menu displayed on portable wireless  
communication device 105 and select the scanned item  
and...

19/3,K/4 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01056423 \*\*Image available\*\*

**DERIVATIVES HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING EXCHANGE  
THEREFOR**

**PRODUITS DERIVES PRESENTANT DES RENDEMENTS AJUSTABLES BASES SUR LA DEMANDE  
ET ECHANGES COMMERCIAUX ASSOCIES**

Patent Applicant/Assignee:

LONGITUDE INC, 650 Fifth Avenue, New York, NY 10019, US, US (Residence),



US (Nationality)  
Inventor(s):  
LANGE Jeffrey, 3 East 84th Street, Apt. 3, New York, NY 10028, US,  
BARON Kenneth, 51 West 86th Street, Apt. 602, New York, NY 10024, US,  
Legal Representative:  
WEISS Charles A (et al) (agent), Kenyon & Kenyon, One Broadway, New York,  
NY 10004, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200385491 A2-A3 20031016 (WO 0385491)  
Application: WO 2003US7990 20030313 (PCT/WO US03007990)  
Priority Application: US 2002115505 20020402  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 136258

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Claims

Claim

19/3,K/5 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01030622 \*\*Image available\*\*

**SYSTEM AND METHOD FOR FACILITATING SHOPPING**  
**SYSTEME ET PROCEDE FACILITANT L'ACHAT D'ARTICLES**

Patent Applicant/Assignee:

AIRCLIC INC, 512 Township, Line Road, Building 5, Suite 200, Blue Bell,  
PA 19422, US, US (Residence), US (Nationality)

Inventor(s):

LURIE Leib, 1102 Peters Road, Troy, OH 45373, US,  
HECKLE William, W174n8672 Schneider Drive, Menomonee Falls, WI 53051, US,

MANNING Angela, 425 W. Water Street, Troy, OH 45373, US,  
DIPERNA Derek, 66 Witherspoon Street, Suite 237, Princeton, NJ 08542, US,

JACKSON William, 16 Lantern Lane, Lansdale, PA 19446, US,

Legal Representative:

GOLUB Daniel H (et al) (agent), 1701 Market Street, Philadelphia, PA  
19103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200360646 A2-A3 20030724 (WO 0360646)  
Application: WO 2003US1042 20030114 (PCT/WO US2003001042)  
Priority Application: US 2002348849 20020114; US 2002348443 20020114; US  
2002193459 20020711

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6727

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... page illustrating one embodiment of a user interface that displays a shopping list along with **suggested alternatives** to the **items** on the list.

Figures 4A-4E show a progression of user interfaces on a wireless scanning device displayed during the creation of...list was chosen for intended purchase.

In some embodiments, promotions (e.g., coupons, specials, discounts, **suggestions**, and **other** information) related to the **items** on the shopping list may be shown on **display** 1 5 405 of wireless scanning device 65 during the creation of the checkout list...

19/3,K/6 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00999954 \*\*Image available\*\*

**PORTABLE ELECTRONIC AUTHORIZATION DEVICE AND ASSOCIATED METHOD**  
**SYSTEME D'AUTORISATION ELECTRONIQUE PORTABLE ET PROCEDE ASSOCIE**

Patent Applicant/Assignee:

CHAMELEON NETWORK INC, 950 Winter Street, Suite 1400, Waltham, MA 02451,  
US, US (Residence), US (Nationality)

Inventor(s):

BURGER Todd O, 386 Lincoln Street, Lexington, MA 02421, US,  
COHEN Robert M, 119 Bent Road, Sudbury, MA 01776, US,

Legal Representative:

PRITZKER Randy J (agent), Wolf, Greenfield & Sacks, P.C., 600 Atlantic  
Avenue, Boston, MA 02210, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200329942 A2-A3 20030410 (WO 0329942)

Application: WO 2002US31335 20021001 (PCT/WO US02031335)

Priority Application: US 2001968628 20011001

Designated States: CA

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 42067

International Patent Class: G06F-001/00

Fulltext Availability:

Detailed Description

Detailed Description

... of secure and non-secure - 40 media, order of media presentment, sort orders, user interface **options**, synchronization defaults, etc.

Preferences that **determine** which **items** are **displayed** on the home

page or on other pages may be defined. For example, a Pocket...

19/3,K/7 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00984839 \*\*Image available\*\*

**INTELLIGENT ADAPTIVE OPTIMIZATION OF DISPLAY NAVIGATION AND DATA SHARING  
OPTIMISATION ADAPTATIVE INTELLIGENTE DE LA NAVIGATION SUR L'AFFICHAGE ET DU  
PARTAGE DES DONNEES**

Patent Applicant/Assignee:

JAAGO CORPORATION, Suite A, 880 Hurlingame Avenue, Redwood City, CA 94063  
, US, US (Residence), US (Nationality)

Inventor(s):

NAJMI Amir, Suite A, 880 Hurlingame Avenue, Redwood City, CA 94063, US,  
SIDDIQUI Ali, Suite A, 880 Hurlingame Avenue, Redwood City, CA 94063, US,

Legal Representative:

ARONSON Elliot B (agent), 5001 Harbord Drive, Oakland, CA 94618, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200314978 A2 20030220 (WO 0314978)

Application: WO 2002US9810 20020329 (PCT/WO US0209810)

Priority Application: US 2001923916 20010807; US 200238494 20020103

Designated States: CA CN IL JP KR MX

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17771

Main International Patent Class: G06F-017/30

English Abstract

...the navigation of lists or other hierarchies of alternatives, as  
presented to the user by **electronic devices** and computer networks, by  
automatically **recommending** the **alternatives** of the next list to be  
presented. Each alternative is recommended on the basis of...

19/3,K/8 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00907116 \*\*Image available\*\*

**APPROACH FOR PROCESSING ELECTRONIC ORDERS  
PROCEDE DE TRAITEMENT DE COMMANDES ELECTRONIQUES**

Patent Applicant/Assignee:

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Inventor(s):

JAVANGULA Pradeep, 5819 Pala Mesa Drive, San Jose, CA 95123, US,  
HENDRIKSE Norbert, 1014 Grizzly Peak Boulevard, Berkeley, CA 94708, US,  
PADALA Sailendra, 1521 DeAnza Boulevard, San Mateo, CA 94403, US,

Legal Representative:

BECKER Edward (et al) (agent), HICKMAN PALERMO TRUONG & BECKER, LLP, 1600  
Willow Street, San Jose, CA 95125, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200241223 A2-A3 20020523 (WO 0241223)

Application: WO 2001US45373 20011031 (PCT/WO US0145373)

Priority Application: US 2000713135 20001114  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 10450

International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description  
... are to be ordered. Therefore, according to one embodiment of the  
invention, transaction facilitator 304 **determines** whether **additional**  
**product** information is required from customer device 302 to generate the  
second order data. To make...

19/3,K/9 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00884012 \*\*Image available\*\*  
**DELIVERY POINT VALIDATION SYSTEM**  
**SYSTEME DE VALIDATION DE POINT DE FOURNITURE**

Patent Applicant/Assignee:

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all designated states except: US)

Patent Applicant/Inventor:

SNAPP Robert, 3083 Cypress Lake Drive, Memphis, TN 38119-8051, US, US  
(Residence), US (Nationality), (Designated only for: US)  
WILSON James, 512 King Ridge Drive, Collierville, TN 38017-1705, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

GARRETT Arthur S (et al) (agent), Finnegan, Henderson, Farrabow Garrett &  
Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200217262 A2-A3 20020228 (WO 0217262)

Application: WO 2001US26125 20010821 (PCT/WO US0126125)

Priority Application: US 2000226568 20000821; US 2001277622 20010322; US  
2001281411 20010405

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 5952

Main International Patent Class: G06F-001/00

International Patent Class: G06F-012/14 ...

... G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... store the bit array 1 1 0 and validation system 207 and a user may  
input an inquiry item 202 via the workstation's keyboard or other  
input device to determine locally whether the inquiry item 202 is on  
a list 105.

Fig. 3 illustrates an exemplary encoder 107 for encoding...

19/3,K/10 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00874865 \*\*Image available\*\*

**SYSTEM FOR MAKING PURCHASES AT A SHOPPING CENTRE OF THE SELF-SERVICE TYPE**  
**SYSTEME PERMETTANT DE FAIRE DES ACHATS DANS UN CENTRE COMMERCIAL DU TYPE**  
**LIBRE-SERVICE**

Patent Applicant/Assignee:

ARTERICERCA S A S DI UMBERTO AVANZI E C, Via Moscova, 50, I-20121 Milano,  
IT, IT (Residence), IT (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

AVANZI Umberto, Artericerca S.a.s. di Umberto Avanzi e C., Via Moscova,  
50, I-20121 Milano, IT, IT (Residence), IT (Nationality), (Designated  
only for: US)

Legal Representative:

PEZZOLI Ennio (et al) (agent), Maccalli & Pezzoli S.r.l., Via  
Settembrini, 40, I-20124 Milano, IT,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200208977 A1 20020131 (WO 0208977)

Application: WO 2000IT304 20000720 (PCT/WO IT0000304)

Priority Application: WO 2000IT304 20000720

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Italian

Fulltext Word Count: 5194

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... 325) for

storing information relating to the customer and means

(320,325) for producing an additional list containing an

indication of recommended products depending on the

.10 information relating to the customer, the additional list

being sent to...  
...the indication of the additional  
products.

9 System (100) according to Claim 8, wherein the  
additional list includes, for each recommended product ,  
the corresponding name and the corresponding coordinate  
and wherein the system further comprises means (119...

19/3,K/11 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00816854 \*\*Image available\*\*  
METHOD AND SYSTEM FOR REMOTELY MANAGING BUSINESS AND EMPLOYEE  
ADMINISTRATION FUNCTIONS  
PROCEDE ET SYSTEME DESTINES A GERER A DISTANCE DES ENTREPRISES ET DES  
FONCTIONS D'ADMINISTRATION DES EMPLOYES

Patent Applicant/Assignee:

EMPLOYEE MATTERS INC, 9A Riverbend Drive South, Stamford, CT 06907, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

COOPERSTONE Elliot, 9A Riverbend Drive South, Stamford, CT 06904, US, US  
(Residence), US (Nationality), (Designated only for: US)

PHAM H Thach, 9A Riverbend Drive South, Stamford, CT 06904, US, US  
(Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

HALL David A (et al) (agent), Heller Ehrman White & McAuliffe LLP, Suite  
700, 4250 Executive Square, La Jolla, CA 92037, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200150395 A2-A3 20010712 (WO 0150395)

Application: WO 2001US268 20010104 (PCT/WO US0100268)

Priority Application: US 2000174480 20000104

Parent Application/Grant:

Related by Continuation to: US 2000174480 20000104 (CON)

Designated States: AE AG AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15511

Main International Patent Class: G06F-009/46

International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... 55-57 (Figure 3), which require such information need to be updated.

If it is determined that additional products 59, 55-57 (Figure 3)  
do not need to be updated, then in step 120...

19/3,K/12 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00787034      \*\*Image available\*\*

**RETAIL LOCATION SHOPPING ASSISTANCE METHOD AND APPARATUS**

**PROCEDE ET APPAREIL DESTINES A L'ASSISTANCE A L'ACHAT DANS UN LIEU DE VENTE  
AU DETAIL**

Patent Applicant/Assignee:

MEALS COM, 1800 114th Avenue S.E., Bellevue, WA 98004, US, US (Residence)  
, US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MOLBAK Jens H, 10320 S.E. 25th Street, Bellevue, WA 98004, US, US  
(Residence), US (Nationality), (Designated only for: US)

BEACH Kirk, 23806 SE 59th Street, Issaquah, WA 98029, US, US (Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

HUGHES Richard L (et al) (agent), Sheridan Ross P.C., Suite 1200, 1560  
Broadway, Denver, CO 80202-5141, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200120527 A1 20010322 (WO 0120527)

Application: WO 2000US25368 20000914 (PCT/WO US0025368)

Priority Application: US 99154006 19990915

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7818

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... g. based on predictive modeling and the like. In some embodiments,  
meals, recipes or items **suggested**, and/or coupons, sales or **other**  
offers or promotions may be **displayed** as part of the shopping  
assistance and such **items** may be selected based on conditions or needs  
of the retail store (e.g. a...

19/3,K/13      (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00784184      \*\*Image available\*\*

**A SYSTEM, METHOD FOR FIXED FORMAT STREAM COMMUNICATION IN A COMMUNICATION  
SERVICES PATTERNS ENVIRONMENT**

**SYSTEME, PROCEDE ET ARTICLE POUR FLUX DE FORMAT FIXE DANS UN ENVIRONNEMENT  
A CONFIGURATIONS DE SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918

, US,  
Legal Representative:  
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, P.O. Box 52037,  
Palo Alto, CA 94303-0746, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200117194 A2-A3 20010308 (WO 0117194)  
Application: WO 2000US24114 20000831 (PCT/WO US0024114)  
Priority Application: US 99386430 19990831  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 149954

International Patent Class: G06F-017/22 ...

Fulltext Availability:

Claims

Claim

... the group.

What is the relationship between the workflow and imaging components?

It may be **important** to **determine** whether or not the **products** work  
routing function is integrated and inseparable from document storage and  
retrieval functions.

What are...

19/3,K/14 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00784132

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A  
COMMUNICATION SERVICES PATTERNS ENVIRONMENT  
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN  
ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill  
Roadast, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116724 A2-A3 20010308 (WO 0116724)

Application: WO 2000US24084 20000831 (PCT/WO US0024084)

Priority Application: US 99386834 19990831

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK  
DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG



(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 150947

Main International Patent Class: G06F-009/44  
International Patent Class: G06F-009/46  
Fulltext Availability:  
Detailed Description

Detailed Description  
... oj  
group.

What is the relationship between the workflow and imaging components?  
It may be **important** to **determine** whether or not the **products** work  
routing function is integrated and inseparable from document storage and  
retrieval functions.  
What are...

19/3,K/15 (Item 13 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00565054 \*\*Image available\*\*  
**SYSTEM AND METHOD FOR MATCHING USERS WITH ITEMS IN A NETWORK**  
**SYSTEME ET METHODE PERMETTANT D'ETABLIR DES LIENS DE CORRESPONDANCE ENTRE**  
**DES UTILISATEURS ET DES PRODUITS DANS UN RESEAU**

Patent Applicant/Assignee:

PANOPTICON INC,  
RABINOWITZ Matthew,  
DRUZHNIKOV Ilya Abezgaus,  
STOICA Andrei,  
KIM Stanley Hyungjung,  
HUGHES Craig Rungaldier,

Inventor(s):

RABINOWITZ Matthew,  
DRUZHNIKOV Ilya Abezgaus,  
STOICA Andrei,  
KIM Stanley Hyungjung,  
HUGHES Craig Rungaldier,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200028427 A1 20000518 (WO 0028427)  
Application: WO 99US26783 19991110 (PCT/WO US9926783)  
Priority Application: US 98107747 19981110

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM  
AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English  
Fulltext Word Count: 20049

Main International Patent Class: G06F-013/14  
International Patent Class: G06F-017/60 ...  
Fulltext Availability:  
Detailed Description

Detailed Description

... particular merchandise. This allows on-the-fly cross-selling of related items as well as suggestions of other items the user may find interesting.

Now the processes used by embodiments of the invention to show and select content...

?

23/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01423246

Arrangement for and method of expediting transactions based on a customer's proximity to the transactions

Anordnung und Verfahren zum Durchfuehren von Transaktionen beziehungsweise der Standort von Kunden

Disposition et methode pour la realisation de transactions dependant de la position du client

PATENT ASSIGNEE:

SYMBOL TECHNOLOGIES, INC., (417665), One Symbol Plaza, Holtsville, New York 11742-1300, (US), (Applicant designated States: all)

INVENTOR:

Swartz, Jerome, 199 Old Field Road, Old Field, New York 11733, (US)

McGlynn, Daniel R., 266 76th Street, Brooklyn, New York 11209, (US)

LEGAL REPRESENTATIVE:

Geyer, Ulrich F., Dr. Dipl.-Phys. et al (4121), WAGNER & GEYER,

Patentanwalte, Gewurzmuhlstrasse 5, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1202201 A2 020502 (Basic)

EP 1202201 A3 030806

APPLICATION (CC, No, Date): EP 2001122876 010924;

PRIORITY (CC, No, Date): US 695649 001024

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 82

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200218	867
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SPEC A	(English)	200218	5794
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Total word count - document A	6661
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Total word count - document B	0
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Total word count - documents A + B	6661
------------------------------------	------

INTERNATIONAL PATENT CLASS: G06F-017/60

...ABSTRACT user. A plurality of network nodes is distributed throughout a venue, such as a shopping mall or a store, in which products are offered for sale. The location of the user is determined by the location of the access node in communication with the terminal. The data may include a recommendation...

23/3,K/2 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00711092

REMOTE ELECTRONIC INFORMATION DISPLAY SYSTEM FOR RETAIL FACILITY

ELEKTRONISCHES BILDSCHIRMTERMINAL ZUM ENTFERNTEN ANZEIGEN VON INFORMATION FUR DEN EINZELHANDEL

SYSTEME ELECTRONIQUE PERMETTANT D'AFFICHER A DISTANCE UNE INFORMATION DANS UN MAGASIN DE VENTE AU DETAIL

PATENT ASSIGNEE:

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Goff, Milton L., (2009210), 23945 Nector Way, Ramona, CA 92065, (US),  
(Proprietor designated states: all)

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ABELL, Peter, 8 Hemlock Hill, Amherst, NH 03031, (US)

BIRD, E., Frederick, P.O. Box 123, Verdugo City, CA 91046, (US)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 753175 A1 970115 (Basic)

EP 753175 A1 980415

EP 753175 B1 020821

WO 95019005 950713

APPLICATION (CC, No, Date): EP 94921240 940606; WO 94US6308 940606

PRIORITY (CC, No, Date): US 176781 940104

DESIGNATED STATES: CH; DE; ES; FR; GB; IT; LI

INTERNATIONAL PATENT CLASS: G06F-017/00 ; G06F-017/60

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200234	268
CLAIMS B	(German)	200234	248
CLAIMS B	(French)	200234	311
SPEC B	(English)	200234	5328

Total word count - document A 0

Total word count - document B 6155

Total word count - documents A + B 6155

INTERNATIONAL PATENT CLASS: G06F-017/00 ...

... G06F-017/60

...SPECIFICATION the Invention

The inventive electric merchandise display system, as claimed,  
comprises an electronic price information **display** tag mounted at each  
**location** , a central computer for coordinating price, **product** and  
**location** data at the **store** , a plurality of point of sale (POS)  
terminals linked to the computer, transceivers at each...

23/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00333335

SHOPPING CART DISPLAY SYSTEM

ANZEIGESYSTEM FUR EINKAUFSWAGEN

SYSTEME D'AFFICHAGE SUR ECRAN POUR CHARIOT A PROVISIONS

PATENT ASSIGNEE:

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AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)

INVENTOR:

MALEC, John, 600 West Stratfond, Chicago, IL 60657, (US)

MOSER, Joseph, Paul, 74 West Hesterman Drive, Glendale Heights, IL 60139,  
(US)

LEGAL REPRESENTATIVE:

Cross, Rupert Edward Blount et al (42891), BOULT, WADE & TENNANT 27  
Furnival Street, London EC4A 1PQ, (GB)

PATENT (CC, No, Kind, Date): EP 335931 A1 891011 (Basic)

EP 335931 A1 901205

EP 335931 B1 960403

WO 8902628 890323

APPLICATION (CC, No, Date): EP 88908639 880921; WO 88US3259 880921

PRIORITY (CC, No, Date): US 99288 870921

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G06F-007/04 ; G06F-017/30 ; G06F-017/60 ;

G06F-019/00

ABSTRACT WORD COUNT: 136

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1057
CLAIMS B	(English)	EPAB96	869
CLAIMS B	(German)	EPAB96	818
CLAIMS B	(French)	EPAB96	983
SPEC A	(English)	EPABF1	19666
SPEC B	(English)	EPAB96	19769
Total word count - document A			20725
Total word count - document B			22439
Total word count - documents A + B			43164

INTERNATIONAL PATENT CLASS: G06F-007/04 ...

... G06F-017/30 ...

... G06F-017/60 ...

... G06F-019/00

...SPECIFICATION bread advertisement can be delivered. The cart can print coupons and dispense scents at appropriate **locations** . The **display** may also be mounted on **hand - held** shopping baskets present in many **stores** for those consumers purchasing only a few items. In the presently preferred embodiment, the display...

...SPECIFICATION bread advertisement can be delivered. The cart can print coupons and dispense scents at appropriate **locations** . The **display** say also be mounted on **hand - held** shopping baskets present in many **stores** for those consumers purchasing only a few items. In the presently preferred embodiment, the display...

23/3,K/4 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

01107028 \*\*Image available\*\*

PORTABLE COMPUTER DEVICE

DISPOSITIF INFORMATIQUE PORTABLE

Patent Applicant/Assignee:

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Eindhoven, NL, NL (Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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MILLER-SMITH Richard M, c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA, GB, GB (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

WILLIAMSON Paul L (agent), Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200429787 A2 20040408 (WO 0429787)

Application: WO 2003IB3975 20030912 (PCT/WO IB03003975)

Priority Application: GB 200222557 20020928

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4346

Main International Patent Class: G06F-003/00

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... a control input; data acceptance logic arranged to accept data on the data input, to **determine** whether time and **location** information is present, to **add** time and/or **location** information to data **items** not having time and/or **location** information respectively and to **store** data **items** in memory together with respective time and **location** information; a **display** arrangement arranged to cause the **display** of data **items**, including data **items** stored in the memory, in one of a plurality of modes, the modes including a...

...for obtaining location information; a clock unit for determining time information; and code arranged: to **determine** time and/or **location** information for data items not having time and/or **location** information respectively and to **store** data **items** in the memory together with time and **location** information corresponding to the data **items**; to display data **items** in a time mode by displaying on the **screen** on a time line representations of those data **items** that have time information in a time interval according to the time information stored in...

Claim

... acceptance logic (24,40) arranged to accept data on the data input (26; 38), to **determine** whether time and **location** information is

present, to add time and/or location information to data items not having time and/or location information respectively and to store data items in memory (22) together with lo respective time and location information; and a display arrangement...

23/3,K/5 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00961520 \*\*Image available\*\*  
COMPUTERIZED METHODS FOR AND LOCATING PRODUCTS AND STORES FOR A REMOTELY LOCATED CONSUMER  
PROCEDES INFORMATIQUES DE LOCALISATION DE PRODUITS ET DE MAGASINS POUR UN CONSOMMATEUR DISTANT

Patent Applicant/Assignee:  
THE PROCTER & GAMBLE COMPANY, One Procter & Gamble Plaza, Cincinnati, OH 45202, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:  
OKAMOTO Yukiko, 7-26-17 Morikita-machi, Higashinada-ku, Kobe 658-0001, JP, JP (Residence), JP (Nationality), (Designated only for: US)  
FURUSAWA Sumiko, 1-12-202 Higashiashiya-cho, Ashiya 659-0095, JP, JP (Residence), JP (Nationality), (Designated only for: US)

Legal Representative:  
REED T David (et al) (agent), The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200295646 A2 20021128 (WO 0295646)  
Application: WO 2000US29385 20001025 (PCT/WO US0029385)  
Priority Application: WO 2000US29385 20001025

Designated States: AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 7131

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description  
Claims

#### Detailed Description

... not require the consumer to provide specific location information. Rather, the present methods use the GPS to determine the location of the consumer (by determining the 1 5 location of the consumer's portable computing device) and using that location information to determine the location of the nearest store .

Server system 20 can comprise store data base 24, or store data base 24 can

Claim

... based on the consumer's personal data, determining a purchase recommendation for one or more **products** ;  
accessing a **store** data base containing the **location** of **stores** that sell  
**products** and what **products** the **stores** sell;  
**determining** the **location** of one or more **stores** that sell the recommended  
products and which are near the portable computing device;  
sending to...being located by a Global  
Positioning System and that has wireless communication capabilities;  
utilizing the **Global Positioning System** to **determine** the precise  
**location** of the **portable** computing device and sending the location of  
the portable computing  
device and the product identifiers...  
...the portable computing device and  
receiving the location of the portable computing device;  
accessing a **store** data base containing the **location** of **stores** that  
sell  
**products** and what **products** the **stores** sell;  
**determining** the **location** of one or more **stores** that sell the  
selected  
products which are near the portable computing device;  
sending to the...

23/3,K/6 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00878885 \*\*Image available\*\*

**METHOD AND APPARATUS FOR INTERACTIVE SHOPPING**

**PROCEDE ET DISPOSITIF DE CHALANDAGE INTERACTIF**

Patent Applicant/Assignee:

MOTOROLA INC, 1303 East Algonquin Road, Schaumburg, IL 60196, US, US  
(Residence), US (Nationality)

Inventor(s):

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SMITH Dwight R, 2132 Brownstone Court, Grapevine, TX 76051, US,

Legal Representative:

VAAS Randall S (et al) (agent), AN475, 600 North US Highway 45,  
Libertyville, IL 60048, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200213100 A1 20020214 (WO 0213100)

Application: WO 2001US24590 20010803 (PCT/WO US0124590)

Priority Application: US 2000634609 20000805

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4429

Main International Patent Class: G06F-017/60



Fulltext Availability:  
Detailed Description

Detailed Description

... client 1 00 to construct and display to the shopper a store diagram depicting the **store** 's layout, e.g., **aisles** and **display** racks, and further depicting where the **items** on the active shopping list of the wireless client 100 are located. In addition, the...

23/3,K/7 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00846414 \*\*Image available\*\*

**SYSTEM AND METHOD FOR WIRELESS PURCHASES OF GOODS AND SERVICES**  
**SYSTEME ET PROCEDE D'ACHAT SANS FIL DE PRODUITS ET DE SERVICES**

Patent Applicant/Assignee:

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22201, US, US (Residence), US (Nationality)

Inventor(s):

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BARGHOUTI Ramzi, 2657 Lenox Road, Apartment 198, Atlanta, GA 30324, US,  
AREF Molham, 75 14th Street, Unit 3210, Atlanta, GA 30309, US,

Legal Representative:

ROBERTS Jon L (et al) (agent), Roberts Abokhair and Mardula, LLC, Suite  
1000, 11800 Sunrise Valley Drive, Reston, VA 20191, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200180133 A2 20011025 (WO 0180133)

Application: WO 2001US12289 20010416 (PCT/WO US0112289)

Priority Application: US 2000198088 20000417

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 15361

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... method of claim 20, wherein said step of wirelessly communicating with consumer wireless devices to **determine** consumer **location** and. identify **products** or services to be purchased further comprises: **locating** a merchant **store** by: said consumer inputting data to define a geographic search area and transmitting a search...

23/3,K/8 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00803948      \*\*Image available\*\*

**METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS  
AND CONSUMERS**

**PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES  
VENDEURS ET DES CONSOMMATEURS**

**Patent Applicant/Assignee:**

IPF INC, Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,  
US (Residence), US (Nationality), (For all designated states except:  
US)

**Patent Applicant/Inventor:**

PERKOWSKI Thomas J, 10 Waldon Road, Darien, CT 06820, US, US (Residence),  
US (Nationality), (Designated only for: US)

**Legal Representative:**

PERKOWSKI Thomas J (agent), Thomas J. Perkowski, P.C., Soundview Plaza,  
1266 East Main Street, Stamford, CT 06902, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200137540 A2-A3 20010525 (WO 0137540)

Application: WO 2000US31757 20001117 (PCT/WO US0031757)

Priority Application: US 99441973 19991117; US 99447121 19991122; US  
99465859 19991217; US 2000483105 20000114; US 2000599690 20000622; US  
2000641908 20000818; US 2000695744 20001024

**Parent Application/Grant:**

Related by Continuation to: US 99441973 19991117 (CIP); US 99447121  
19991122 (CIP); US 99465859 19991217 (CIP); US 2000483105 20000114  
(CIP); US 2000599690 20000622 (CIP); US 2000641908 20000818 (CIP); US  
2000695744 20001024 (CIP)

**Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ**

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 116871

Main International Patent Class: G06F-017/60  
International Patent Class: G06F-015/16 ...  
Fulltext Availability:  
Claims

Claim

... or agent thereof, (iii) a display frame for displaying a promotional message about the advertised **product**, typically set by the retailer, and (iv) a **display** frame for **displaying** the **location** of the advertised **product** in the physical retail **store** or within the retailer's EC-enabled store (e.g. made accessible within the retail store ...point of presence (POP) which may exist, for example, when: (i) shopping at EC-enabled **stores**, **product** catalogs and other types of EC-oriented WWW sites; (ii) reviewing and responding to Internet...

23/3,K/9 (Item 6 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00787033 \*\*Image available\*\*

**SHOPPING LIST ORGANIZER APPARATUS AND METHOD**

**APPAREIL D'ORGANISATION DE LISTES D'ACHATS ET PROCEDE CORRESPONDANT**

Patent Applicant/Assignee:

MEALS COM, P.O. Box 91258, Bellevue, WA 98009, US, US (Residence), US  
(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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MELANSON Ian, 4808 East Mercer Way, Mercer Island, WA 98040, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

ARNETT Stephen E (et al) (agent), Perkins Coie LLP, P.O. Box 1247,  
Seattle, WA 98111-1247, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200120526 A1 20010322 (WO 0120526)

Application: WO 2000US25367 20000914 (PCT/WO US0025367)

Priority Application: US 99154123 19990915

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GNGW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8889

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description

... Brand Y, with the price per ounce, coupons or other promotions available and the like **displayed**, and, where applicable, the **store locations** where the **products** are available. The consumer will make a selection among these choices (or based wholly or...

23/3,K/10 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00757120 \*\*Image available\*\*

**LOCATION ENHANCED INFORMATION DELIVERY SYSTEM**  
**SYSTEME AMELIORE DE DISTRIBUTION D'INFORMATIONS DE LOCALISATION**  
Inventor(s):

SMITH Jonathan M, 771 Princeton-Kingston Road, Princeton, NJ 08540-4165,  
US,

PARKES David C, 1122 Spruce Street #3D, Philadelphia, PA 19107, US,  
Patent Applicant/Inventor:

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HUNN Melvin A (et al) (agent), Hill & Hunn, LLP, Suite 1440, 201 Main  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200070504 A2-A3 20001123 (WO 0070504)

Application: WO 2000US13858 20000519 (PCT/WO US0013858)

Priority Application: US 99314321 19990519

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 18208

Main International Patent Class: G06F-017/30

International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... IR triangulation techniques of coordinates). Another useful  
application of this location specific data is in- **store** electronic  
**displays**. Even in the absence of **location** detectors, as **products** are  
scanned into the cart, electronic **displays** **located** throughout the  
**store** can display to the customer customized promotional messages  
relevant to items within the present store...

23/3,K/11 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00576354 \*\*Image available\*\*

**METHOD AND APPARATUS FOR PROVIDING CROSS BENEFITS AND PENALTIES**  
**PROCEDE ET DISPOSITIF SERVANT A PRODUIRE DES AVANTAGES ET DES PENALITES**  
**CROISES**

Patent Applicant/Assignee:

WALKER DIGITAL LLC, Five High Ridge Park, Stamford, CT 06905-1326, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

WALKER Jay S, 124 Spectacle Lane, Ridgefield, CT 06877, US, US  
(Residence), US (Nationality), (Designated only for: US)  
JORASCH James A, Apartment 5G, 25 Forest Street, Stamford, CT 06901, US,  
US (Residence), US (Nationality), (Designated only for: US)  
TEDESCO Daniel E, Apartment 6, 192 Park Street, New Canaan, CT 06840, US,  
US (Residence), US (Nationality), (Designated only for: US)  
O'SHEA Deirdre, Apartment 2A, 10 Manhattan Avenue, New York, NY 10025, US  
, US (Residence), US (Nationality), (Designated only for: US)  
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BEMER Keith, 570 E. 75th Street #2E, New York, NY 10021, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MASCHOFF Kurt M (et al) (agent), Intellectual Property Department, Walker  
Digital Corporation, One High Ridge Park, Stamford, CT 06905, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200039727 A2 20000706 (WO 0039727)

Application: WO 99US30504 19991221 (PCT/WO US9930504)

Priority Application: US 98219267 19981223; US 99322351 19990528

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19180

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... on a shopping cart of the customer, that accompanies the customer as  
he browses a **store**. Similarly, a **display** disposed in a particular  
**location** in the **store** (e.g. below a **product display**) may **provide**  
an offer to a customer that is near particular items or areas.

The indication of...

23/3,K/12 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00576347 \*\*Image available\*\*

METHOD AND APPARATUS FOR PROVIDING CROSS-BENEFITS BASED ON A CUSTOMER  
ACTIVITY

PROCEDE ET APPAREIL SERVANT A GENERER DES BENEFICES PARALLELES LIES A  
L'ACTIVITE D'UN CLIENT

Patent Applicant/Assignee:

WALKER DIGITAL LLC,

WALKER Jay S,

TEDESCO Daniel E,

TULLEY Stephen C,

PACKES John M Jr,

O'SHEA Deirdre,

BEMER Keith,

JORASCH James A,

ALDERUCCI Dean P,  
Inventor(s):

WALKER Jay S,  
TEDESCO Daniel E,  
TULLEY Stephen C,  
PACKES John M Jr,  
O'SHEA Deirdre,  
BEMER Keith,  
JORASCH James A,  
ALDERUCCI Dean P,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200039720 A1 20000706 (WO 0039720)  
Application: WO 99US19955 19990831 (PCT/WO US9919955)  
Priority Application: US 98282747 19981005

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD  
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 19014

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... on a shopping cart of the customer, that accompanies the customer as  
he browses a **store**. Similarly, a **display** disposed in a particular  
**location** in the **store** (e.g. below a **product display**) may **provide**  
an offer to a customer that is near particular products or areas.

The indication of...

23/3,K/13 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00365230 \*\*Image available\*\*

**ELECTRONIC PRODUCT INFORMATION DISPLAY SYSTEM**

**SYSTEME D'AFFICHAGE ELECTRONIQUE D'INFORMATIONS RELATIVES A DES PRODUITS**

Patent Applicant/Assignee:

INTELLEDGE CORPORATION,  
FALLS S Douglas,  
DALE Ernest J,  
MATHESON Rod III,  
McPHILLIPS A Scott,

Inventor(s):

FALLS S Douglas,  
DALE Ernest J,  
MATHESON Rod III,  
McPHILLIPS A Scott,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9705556 A1 19970213  
Application: WO 96US12575 19960731 (PCT/WO US9612575)  
Priority Application: US 951673 19950731

Designated States: AU CA CN JP KR MX US AT BE CH DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 24199

Main International Patent Class: G06F-017/60

International Patent Class: G06F-15:00

English Abstract

...product information system (30) which automates and integrates real-time information display (52), printed information **display** (220) and shelf **space** management (226). The **product** information system (30) provides a link between the shelves (46) where **products** are **displayed** and in- **store** applications such as the POS data base system (34), shelf space planning system (226) and...

23/3,K/14 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00300854 \*\*Image available\*\*

REMOTE ELECTRONIC INFORMATION DISPLAY SYSTEM FOR RETAIL FACILITY

SYSTEME ELECTRONIQUE PERMETTANT D'AFFICHER A DISTANCE UNE INFORMATION DANS UN MAGASIN DE VENTE AU DETAIL

Patent Applicant/Assignee:

REST MANUFACTURING INC,  
GOFF Milton L,  
DeTEMPLE William C,  
ABELL Peter,  
BIRD E Frederick,

Inventor(s):

GOFF Milton L,  
DeTEMPLE William C,  
ABELL Peter,  
BIRD E Frederick,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9519005 A1 19950713

Application: WO 94US6308 19940606 (PCT/WO US9406308)

Priority Application: US 94176781 19940104

Designated States: AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KP KR  
KZ LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US UZ VN AT BE CH  
DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE  
SN TD TG

Publication Language: English

Fulltext Word Count: 7236

Main International Patent Class: G06F-015/20

Fulltext Availability:

Claims

Claim

... transceiver at each point connected to the grid.

7 An electronic merchandise advertising, management and **display** system for a retail **store** havina **rows** of **merchandise display** (POP) **locations** , the system comprising:  
an electronic price information **display** tag mounted at each **location** ;  
a central computer for coordinating price, **product** , and **location** data at the **store** ;  
a plurality of POS terminals linked to the computer;  
wireless communication links between the ...group to the central computer directly or indirectly.

9 An electronic merchandise advertising, management and **display** system for a retail **store** having **rows** of **merchandise display** (POP) **locations** , the system comprising:  
an electronic price information display tag mounted at each location;  
a central...

...the second group being connected  
CD  
to a facility power source.

10 An electronic merchandise **display** system for a retail **store** having **rows** of **merchandise display** (POP) **locations** , the system comprising:  
an electronic price information **display** tag mounted at each **location** ;  
a central computer for coordinating price, **product** , and **location** data at the **store** ;  
a plurality of POS terminals linked to the computer;  
transceivers at each display tau;  
a...

23/3,K/15 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00231221

**SYSTEM FOR DISPLAYING PRICES**

**SYSTEME D'AFFICHAGE DE PRIX**

Patent Applicant/Assignee:

ELECTRONIC RETAILING SYSTEMS INTERNATIONAL INC,

Inventor(s):

ACKERMAN Marvin,  
BERLUTI Vincent,  
POLAND Terrell,  
WALDRON Steven,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9305475 A1 19930318

Application: WO 92US7318 19920828 (PCT/WO US9207318)

Priority Application: US 91675 19910910

Designated States: AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE

Publication Language: English

Fulltext Word Count: 15217

Main International Patent Class: **G06F-015/21**

Fulltext Availability:

Detailed Description

Detailed Description

... is important

for a store planner to ensure that the "plan-o-gram" of the **store** , which is a plan **showing product locations** on shelves, is faithfully followed, However, deviations from the plan-o-gram could often result...

23/3,K/16 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00181155 \*\*Image available\*\*



REMOTE ELECTRONIC INFORMATION DISPLAY SYSTEM  
SYSTEME ELECTRONIQUE D'AFFICHAGE D'INFORMATIONS A DISTANCE

Patent Applicant/Assignee:

REST MANUFACTURING INC,  
DeTEMPLE William C,  
ABEL Peter,  
BIRD E Frederick,  
GOFF Milton L,

Inventor(s):

DeTEMPLE William C,  
ABEL Peter,  
BIRD E Frederick,  
GOFF Milton L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9014630 A1 19901129

Application: WO 90US2708 19900516 (PCT/WO US9002708)

Priority Application: US 89553 19890516; US 89896 19891024

Designated States: AT AT AU BB BE BF BG BJ BR CA CF CG CH CH CM DE DE DK DK  
ES FI FR GA GB GB HU IT JP KP KR LK LU LU MC MG ML MR MW NL NL NO RO SD  
SE SE SN SU TD TG US

Publication Language: English

Fulltext Word Count: 4379

Main International Patent Class: G06F-015/16

Fulltext Availability:

Detailed Description  
Claims

Detailed Description

... POS) terminals  
are linked to the store platform computer. A plurality  
of electronic price information **display** tags are  
mounted throughout the **store** at various **merchandise**  
**location**s. Each **display** tag is battery powered and  
contains a transceiver for communication with the store  
platform computer...

Claim

14 An electronic merchandise advertising,  
management and **display** system for a retail **store** having  
**rows** of **merchandise display** (POP) **locations** , the system  
comprising:  
an electronic price information **display** tag  
mounted at each **location** ;  
a central computer for coordinating price,  
**product** , and **location** data at the **store** ;  
a plurality of POS terminals linked to the  
computer;  
wireless communication links between the tags...

...transceiver at each point connected  
to the grid.

70 An electronic merchandise advertising,  
management and **display** system for a retail **store** having  
**rows** of **merchandise display** (POP) **locations** ,, the system  
comprising:  
an electronic price information **display** tag  
mounted at each **location** ;  
a central computer for coordinating price,  
**product** , and **location** data at the **store** ;

a plurality of POS terminals linked to the computer;  
wireless communication links between the tags...

...group to the central computer directly or indirectly.

9e An electronic merchandise advertising, management and **display** system for a retail **store** having **rows of merchandise display (POP) locations**, the system comprising:  
an electronic price information display tag mounted at each location;  
a central...and the second group being connected to a facility power source.

10 An electronic merchandise **display** system for a retail **store** having **rows of merchandise display (POP) locations**, the system comprising:  
an electronic price information **display** tag mounted at each **location** ;  
a central computer for coordinating price, **product**, and **location** data at the **store** ;  
a plurality of POS terminals linked to the computer;  
transceivers at each display tag;  
is...

23/3,K/17 (Item 14 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00156260

**SHOPPING CART DISPLAY SYSTEM**

**SYSTEME D'AFFICHAGE SUR ECRAN POUR CHARIOT A PROVISIONS**

Patent Applicant/Assignee:

INFORMATION RESOURCES INC,

MALEC John,

MOSER Joseph Paul,

Inventor(s):

MALEC John,

MOSER Joseph Paul,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8902628 A1 19890323

Application: WO 8902628 A1 19890323 (PCT/WO US8803259)

Priority Application: WO 8902628 A1 19890323

Designated States: K FI FR GB IT JP LU NL NO SE US

Publication Language

Fulltext Word

Main International

Fulltext Available

Detailed Description

Detailed Description

... bread advertisement can be delivered. The cart can print coupons and dispense scents at appropriate **locations**. The **display** may also be mounted on **hand - held** shopping baskets present in many **stores** for those consumers purchasing only a few items. In the presently

File 344:Chinese Patents Abs Aug 1985-2004/Mar  
(c) 2004 European Patent Office  
File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)  
(c) 2004 JPO & JAPIO  
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200425  
(c) 2004 Thomson Derwent

? ds

Set	Items	Description
S1	518349	PDA OR HANDHELD? OR HAND()HELD? OR BLACKBERRY? OR (DIGITAL OR ELECTRONIC) (1W) (APPLIANC? OR DEVICE? OR EQUIPMENT? OR COMPONENT? ? OR APPARATUS) OR PERSONAL() (DIGITAL OR SHOPPING) ()AS-SISTANT? OR WIRELESS
S2	741082	S1 OR THINKPAD? OR NOTEBOOK? OR SUBNOTEBOOK? OR MININOTEBOOK? OR NOTE() (BOOK OR BOOKS OR PAD OR PADS) OR PALM OR PENTOP? OR POCKET OR PORTABLE OR PALM()TOP? OR PALMTOP?
S3	10452	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDIS?) (8N) (-LOCAT? OR RETRIEV? OR FIND OR FINDING?)
S4	75727	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) - (ADDITION? OR ADD OR ADDS OR ADDING OR INPUT? OR PROVIDE OR PROVIDES OR PROVIDING OR INPUT?)
S5	1371	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) - (IDENTIFIER OR IDENTIFIERS OR BRAND OR BRANDS OR BRANDING OR -VIN OR (PRICE OR UPC) () (CODE OR CODES OR DESCRIPTION? OR LABEL OR LABELS OR TAG OR TAGS))
S6	43387	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) - (DISPLAY? OR RECEIV? OR SHOW OR SHOWING OR SHOW OR SCREEN? ? -OR VIEW? ? OR DOWNLOAD? OR UPLOAD? OR (UP OR DOWN) ()LOAD? OR -EXPORT? OR IMPORT?)
S7	4870	(PLACE OR PLACES OR PLACING OR INPUT? OR SUBMIT? OR TRANSMIT?) (1W) (ORDER OR ORDERS OR ORDERING)
S8	13125	(SUGGEST? OR RECOMMEND? OR DETERMIN?) (5N) (ALTERNATIVE? OR -ADDITIONAL? OR OTHER? ? OR OPTION?)
S9	36841	(NAVIGAT? OR SHOW OR SHOWS OR SHOWING) (5N) (AREA? ? OR LOCATION? OR SPACE OR SPACES OR COORDINATE? ? OR FLOOR() (PLAN OR -PLANS) OR LOCALE OR LOCALES OR SPACE OR SPACES OR POSITION? OR ROW OR ROWS OR DEPARTMENT OR DEPARTMENTS OR AISLE?)
S10	213402	(DETERMIN? OR SHOW OR SHOWS OR SHOWING OR DISPLAY?) (5N) (POSITION? OR AREA? ? OR LOCATION? OR SPACE OR SPACES OR COORDINATE? ? OR FLOOR() (PLAN OR PLANS) OR LOCALE OR LOCALES OR SPACE? ? OR SPATIAL? OR ROW? ? OR DEPARTMENT? ? OR AISLE?)
S11	1503077	BEACON OR BEACONS OR SENSOR OR SENSORS OR ENVIRONMENTAL() (-MARKING OR MARKINGS) OR GPS OR GLOBAL() POSITIONING? OR BEAM OR BEAMS OR BEAMING
S12	412787	STORE OR STORES OR TRADESHOW? OR TRADE()SHOW? OR MALL OR MALLS OR SHOWROOM? OR SHOW()ROOM? OR MUSEUM? OR CONVENTION OR -CONVENTIONS
S13	138	AU=(MALKIN, P? OR MALKIN P? OR CONNELL, J? OR CONNELL J? -OR KELLOGG, W? OR KELLOGG W?)
S14	5261	S2 AND (S3 OR S4 OR S5 OR S6)
S15	47	S14 AND (S7 OR S8)
S16	12	S15 AND G06F
S17	2	S15 AND (S9 OR S10)
S18	2	S17 NOT S16
S19	1	S15 AND S11
S20	0	S19 NOT (S16 OR S18)
S21	10	S15 AND S12
S22	6	S21 NOT (S16 OR S18)
S23	5	S22 AND IC=G06F
S24	6	S2 AND S13
		?

16/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07668911 \*\*Image available\*\*  
DEVICE AND SYSTEM FOR RADIO COMMUNICATION

PUB. NO.: 2003-162771 [JP 2003162771 A]  
PUBLISHED: June 06, 2003 (20030606)  
INVENTOR(s): YAMAZAKI YASUHIRO  
KOMORI KENJI  
APPLICANT(s): SANYO ELECTRIC CO LTD  
FUKIAGE FUJI JIHANKI KK  
APPL. NO.: 2001-357246 [JP 2001357246]  
FILED: November 22, 2001 (20011122)  
PRIORITY: 2001-274582 [JP 2001274582], JP (Japan), September 11, 2001  
(20010911)  
INTL CLASS: G07G-001/12; G06F-017/60; H04B-007/26

#### ABSTRACT

PROBLEM TO BE SOLVED: To reduce personnel expenses involved in order reception and processing for customer's payment, to shorten time from an order to **merchandise** delivery and in **addition**, to accurately perform the payment processing.

SOLUTION: A **portable** terminal 1 is a terminal with which a customer **places order** for merchandise and requests the payment processing in a store using a short range radio communication function, which is later described, for example, a **portable** telephone, a **PDA**, etc. The store 2 **receives** the **merchandise** order and customer's payment processing request from the **portable** terminal 1 using a short range radio communication function, and is, for example, a lunchroom, a restaurant, etc. If described in detail, the store 2 comprises an eating and drinking place with a plurality of tables 3 and a plurality of chairs 4 arranged, a kitchen for cooking food and drink, and a place for the payment processing of an amount of eating and drinking by the customer. The store 2 uses first, second and third fixed terminals 5, 6 and 7, the plurality of first fixed terminals 5 are arranged at the center of the top of the plurality of tables 3, the second fixed terminal 6 is arranged in the kitchen, and the third fixed terminal 7 is arranged at the cashier's place for the payment by the customer.

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16/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07621163 \*\*Image available\*\*  
PRODUCT SELLING SYSTEM AND METHOD

PUB. NO.: 2003-115013 [JP 2003115013 A]  
PUBLISHED: April 18, 2003 (20030418)  
INVENTOR(s): TAKAHASHI KOJI  
APPLICANT(s): NEC CORP  
APPL. NO.: 2001-307712 [JP 2001307712]  
FILED: October 03, 2001 (20011003)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To obtain a product selling system for efficiently

Search Performed by Sylvia Keys 19-Apr-04

promoting the recovery of used products.

SOLUTION: A user terminal 10 **transmits** purchase order information to be the product information of a product required to be purchased by a prescribed orderer and the recovery information of a used product required to be disused by the orderer. A sales subsidiary terminal 20 **receives** the **transmitted** purchase order information and used **product** recovery information, generates identification information for identifying the orderer, the contents of the order and the recovery contents of the used product and transmits the identification information to a manufacturing plant terminal 30. The terminal 30 **receives** the transmitted information, delivers a **product** corresponding to the purchase order information to a transporter and transmits the orderer identification information for identifying the orderer and recovery instruction information to the transporter. The transporter receives the orderer identification information and the recovery instruction information through a transporter's terminal 40, transmits the received information to a **portable** terminal 5, identifies whether a customer is the orderer or not, and when the customer is the orderer, delivers the product and recovers the used product.

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16/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07522700 \*\*Image available\*\*  
SERIES OF COMPUTER SYSTEMS ABOUT MERCHANDISE ORDER TO MERCHANDISE DELIVERY  
BY USING DATA COMMUNICATION SERVICE UTILIZING **PORTABLE** TELEPHONE AND  
PERSONAL COMPUTER FOR MERCHANDISE PURCHASE IN STORE SUCH AS FAST FOOD STORE

PUB. NO.: 2003-016531 [JP 2003016531 A]  
PUBLISHED: January 17, 2003 (20030117)  
INVENTOR(s): NAKAMURA AKIO  
APPLICANT(s): NAKAMURA AKIO  
APPL. NO.: 2001-237132 [JP 2001237132]  
FILED: June 29, 2001 (20010629)  
INTL CLASS: G07G-001/12; G06F-017/60; G07G-001/14

#### ABSTRACT

PROBLEM TO BE SOLVED: To smoothly deliver merchandise in a fast food store even though customers do not line up.

SOLUTION: In the case of purchasing merchandise at a fast food store, etc., a customer selects a store and merchandise by utilizing a data communication service utilizing a **portable** telephone and a personal computer 1 and **inputs** order information needed to purchase **merchandise** such as a **receiving** time 2. As soon as a **merchandise** order is **received** from the customer, a host computer 3, the host computer 3 automatically returns merchandise kinds, quantity and whether or not to be possible to deliver the merchandise by mail after deciding whether the deliver is possible at the **merchandise** **receiving** time. If the customer returns mail **showing** that the customer purchases the **merchandise**, **merchandise** order information of the customer is sent to a kitchen 5 and a counter cash register 7. The merchandise is cooked and prepared in accordance with the appointed time in the kitchen 5. At the counter cash register 7, the customer is called when all the merchandise is cooked, prepared and secured and the appointed time arrives, and the merchandise is

delivered and the charge for the merchandise is settled.

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16/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07483608 \*\*Image available\*\*  
SYSTEM OF ORDERING MERCHANDISE

PUB. NO.: 2002-352126 [JP 2002352126 A]  
PUBLISHED: December 06, 2002 (20021206)  
INVENTOR(s): YAMADA KAZUJI  
APPLICANT(s): TASNET KK  
APPL. NO.: 2001-201461 [JP 2001201461]  
FILED: May 28, 2001 (20010528)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a merchandise order system, that is advantageous to a customer even if a terminal, such as a customer portable telephone is utilized, because a queue in front of a cash register is eliminated and order contents are accurately received by eliminating the works of listening to and confirming the order contents in merchandise purchase in a store.

SOLUTION: In this merchandise order system, a use terminal 14 connected to a web server 1 reads a merchandise master table 6 of the web server, merchandise data selected by a user are inputted, an order reception parameter is attached to the inputted merchandise data and recorded in the order reception table 7 of the web server 1, and order reception parameter information is transmitted to the user terminal. A store terminal 15, connectable to the web server 1, inputs the order reception parameter information transmitted to the user terminal 14 to the web server 1, in a store where the user visits for buying the merchandise, the merchandise data of the order reception table 7 is referred to and the merchandise data are transmitted to a storefront terminal.

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16/5/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07473920 \*\*Image available\*\*  
PORTABLE TERMINAL DEVICE

PUB. NO.: 2002-342438 [JP 2002342438 A]  
PUBLISHED: November 29, 2002 (20021129)  
INVENTOR(s): HAKETA TAKUYA  
APPLICANT(s): TOSHIBA TEC CORP  
APPL. NO.: 2001-149382 [JP 2001149382]  
FILED: May 18, 2001 (20010518)  
INTL CLASS: G06F-017/60; G07G-001/00; G07G-001/12

#### ABSTRACT

PROBLEM TO BE SOLVED: To reduce the re-holding frequency of a device main

body in operation for batch inputting the **product** codes of a plurality of **products** and the quantity of them.

SOLUTION: This device is provided with a storage part obtained by forming an area for storing the product codes of the respective products and the quantity of them corresponding to each other. When the **product** codes of the plurality of **products** are **inputted** consecutively through a **product** code **input** part, the **product** codes of the plurality of **products** are stored in the storage part in the order of **inputting**. When the finish of consecutive inputting of the product codes is instructed, inputting of the quantity of the products of the number of the product codes **inputted** consecutively through the **product** code **input** part is received. Whenever the quantity of the **products** is **inputted** through the **product** code **input** part, the quantity of the **products** is stored in the storage part in an **inputting** order or in an order opposite to it. When the quantities of the **products** respectively corresponding to the **product** code **inputted** successively through the **product** code **input** part are all **inputted** through a **product** quantity **input** part, data stored in the storage part can be outputted.

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16/5/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07436047 \*\*Image available\*\*  
ELECTRONIC ORDERING/ORDER RECEIVING SYSTEM

PUB. NO.: 2002-304557 [JP 2002304557 A]  
PUBLISHED: October 18, 2002 (20021018)  
INVENTOR(s): OKUDA TATSUHIKO  
APPLICANT(s): SONY CORP  
APPL. NO.: 2001-108653 [JP 2001108653]  
FILED: April 06, 2001 (20010406)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To easily and quickly order **merchandise**.

SOLUTION: This electronic ordering/order **receiving** system is constituted of ordering terminal equipment 22 which can be connected to a general radio public line network 40 and order receiving terminal equipment 32 which can be connected to the general radio public line network. **Portable** terminal equipment is used as the ordering terminal equipment which is provided with a function for generating ordering data on the basis of data for managing an order **receiving** agent and data for managing **items** to be ordered. The order **receiving** terminal equipment is provided with a function for **transmitting** order reception confirmation data prepared on the basis of the received ordering data, inventory data, and delivered good management data to the destination of ordering. In this case, the general radio telephone line network and the **portable** terminal equipment as the ordering terminal equipment are used so that, when the shortage of any good is confirmed in a place where the **merchandise** is **displayed** or place where the **merchandise** is preserved in a warehouse, the ordering **portable** terminal equipment is immediately started so that the delivery of **merchandise** can be requested to an order **receiving** agent. Thus, it is possible to realize simple and quick ordering.

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16/5/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07139761 \*\*Image available\*\*  
MERCHANDISE SALES SYSTEM AND METHOD THEREFOR

PUB. NO.: 2002-008133 [JP 2002008133 A]  
PUBLISHED: January 11, 2002 (20020111)  
INVENTOR(s): ITO TORU  
APPLICANT(s): NEC INFRONTIA CORP  
APPL. NO.: 2000-192997 [JP 2000192997]  
FILED: June 27, 2000 (20000627)  
INTL CLASS: G07F-017/40; B65G-001/137; G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To **provide** a **merchandise** sales system and a method therefor capable of allowing a purchaser to purchase the optimum goods while enjoying shopping and maintaining sales of goods while keeping the convenience of mail-order selling.

SOLUTION: The purchaser selects goods at a retail store 1 and performs access to a sales center terminal unit 20 using a **portable** ordering terminal unit 10 to obtain the information about the goods and hold the goods in his hand in order to determine whether he purchases the goods or not. When he purchases the goods, he sends purchase ordering information and dispatch specification information to the sales center terminal unit 20 and a dispatch center terminal unit 30 through the **portable** ordering terminal unit 10. The sales center terminal unit 20 generates ordering person distinguishing information and then performs settlement processing to **transmit** the **ordering** person distinguishing information, the dispatch specification information, and the results of settlement processing to the **portable** ordering terminal unit 10. The purchaser confirms them and receives the goods dispatched from a dispatch center at the time and place specified in the dispatch specification information.

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16/5/8 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07129793 \*\*Image available\*\*  
ORDERING BOOK AND ORDER INPUT DEVICE

PUB. NO.: 2001-357463 [JP 2001357463 A]  
PUBLISHED: December 26, 2001 (20011226)  
INVENTOR(s): TAKEUCHI MASANORI  
WATANABE KOICHI  
MOCHIZUKI MEGUMI  
APPLICANT(s): TOSHIBA TEC CORP  
APPL. NO.: 2000-175652 [JP 2000175652]  
FILED: June 12, 2000 (20000612)  
INTL CLASS: G07G-001/12; G06F-003/00; G06F-003/033; G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To realize self ordering without arranging a terminal

Search Performed by Sylvia Keys 19-Apr-04



exclusive for self ordering at a guest table in addition to a menu.

SOLUTION: An order book 8 having plural **merchandise** picture **display** parts is provided with an **input** means for **inputting** the **ordering** quantity of **merchandise** the picture of which is **displayed** on each **merchandise** picture **display** part. Then, the code and the ordering quantity of the **merchandise** the ordering quantity of which is **inputted** by this input means are transmitted to a **portable** terminal 1 in response to a data collecting command from the terminal 1. The terminal 1 is provided with a command transmission means for transmitting the data collecting command toward the order book. Then, when **receiving** the code and the ordering quantity of the **merchandise** from the book 8 with respect to the data collecting command, the code and the ordering quantity of the **received merchandise** are **displayed** on a **display** as **merchandise** ordering data self-ordered by the book 8. After then, the merchandise ordering data is corrected at need and then given to an order reception processing part 3.

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16/5/9 (Item 9 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

07116864 \*\*Image available\*\*  
SYSTEM AND METHOD FOR PLACING AND **RECEIVING** ORDER FOR **MERCHANDISE** BY  
USING **PORTABLE** TELEPHONE

PUB. NO.: 2001-344532 [JP 2001344532 A]  
PUBLISHED: December 14, 2001 (20011214)  
INVENTOR(s): FUNATO KIYOHITO  
APPLICANT(s): KIIIZU KK  
APPL. NO.: 2000-164548 [JP 2000164548]  
FILED: June 01, 2000 (20000601)  
INTL CLASS: G06F-017/60; H04M-011/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To **provide** merchandise order placing and **receiving** system and method with which both a **merchandise** orderer side and a mail-order company side can very simply, accurately and quickly perform an order **placing / ordering** operation and easily cope even with a large amount of a placed/ **received** order.

SOLUTION: In this **merchandise** order placing and **receiving** system using a **portable** telephone, information needed to enable merchandise to be transacted is registered in a host side, a merchandise provider distributes a merchandise list with a bar code for specifying merchandise attached thereto together with the information of the merchandise to the merchandise orderer side, the merchandise orderer reads a bar code corresponding to the merchandise in the merchandise list with a bar code reader provided in the **portable** telephone 20 and notifies the host 10 side of the bar code through an Internet channel 30 at the time of wanting to **place** an **order** for desired merchandise, and the host 10 side writes the notified data on a database 12 and also places/ **receives** the **merchandise** order on the basis of the information of the database.

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16/5/10 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

05791118 \*\*Image available\*\*  
ELECTRONIC MENU DEVICE AND ELECTRONIC ORDERING SYSTEM USING THE SAME

PUB. NO.: 10-074218 [JP 10074218 A]  
PUBLISHED: March 17, 1998 (19980317)  
INVENTOR(s): KITAHARA NOBUYUKI  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-230892 [JP 96230892]  
FILED: August 30, 1996 (19960830)  
INTL CLASS: [6] G06F-017/60  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PROBLEM TO BE SOLVED: To perform ordering in a short time without human errors by outputting the contents of a menu to a menu display part by image data and preparing ordering data by touching the image data part.

SOLUTION: A sub window is opened by touching the image data of a **product displayed** at the menu **display** part 11 and a quantity and the other attachment data (an amount and service before and after a meal, etc.,) are selected by touching a screen in the sub window. Further, 'ordering completion' is selected and all the **products** ordered by a customer are **displayed** at the menu display part 11. A unit price and a table No. are added to an **item** name, the quantity and the attachment data **inputted** by a touch panel 11 in a control part 16 for the ordered products to be the ordering data and they are tentatively stored in a memory part 14. In the case that ordering contents are not changed, the control part 16 **transmits** the **ordering** data of the memory part 14 to a display board device 2 for a clerk altogether and the ordering data are outputted to a magnetic card in a card output part 15.

16/5/11 (Item 11 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

05121726 \*\*Image available\*\*  
PRINTED CIRCUIT BOARD DESIGNING DEVICE

PUB. NO.: 08-077226 [JP 8077226 A]  
PUBLISHED: March 22, 1996 (19960322)  
INVENTOR(s): KONNO EIICHI  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 06-208464 [JP 94208464]  
FILED: September 01, 1994 (19940901)  
INTL CLASS: [6] G06F-017/50  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 42.1  
(ELECTRONICS -- **Electronic Components** )  
JAPIO KEYWORD:R060 (MACHINERY -- Automatic Design)

#### ABSTRACT

PURPOSE: To automatically diagnose and determine various required conditions at the time of designing of a printed board by registering design history data and basic item data from a mount information data base

in a design information data at the end of the design.  
CONSTITUTION: When the design ends, a mount application program 5 generates and updates design history data showing the start states of the mount application program 5 by printed circuit boards and basic item data showing principal data in the mount information data base 6, and also picks them up to generate the design information data base 7. This design information data base 7 is sent to a diagnostic analysis part 8, which periodically analyzes the design history database and basic item data in the design information database 7 by the specification of, for example, a diagnostic key to generate a design diagnostic database 9. Then the design diagnostic database 9 is sent to a design required condition determination part 3 and used additionally to determine required design conditions.

16/5/12 (Item 12 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2004 JPO & JAPIO. All rts. reserv.

04744302 \*\*Image available\*\*  
ELECTRONIC DICTIONARY DEVICE

PUB. NO.: 07-036902 [JP 7036902 A]  
PUBLISHED: February 07, 1995 (19950207)  
INVENTOR(s): TSUHO ATSUROU  
HAYASHIDA YASUTO  
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 05-202741 [JP 93202741]  
FILED: July 22, 1993 (19930722)  
INTL CLASS: [6] G06F-017/28  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.3 (INFORMATION PROCESSING -- Input Output Units)  
JAPIO KEYWORD:R011 (LIQUID CRYSTALS)

#### ABSTRACT

PURPOSE: To provide the **electronic dictionary device** which changes the output format of characters according to the contents of dictionary data and outputs the characters.

CONSTITUTION: A converter 10 consists of a CPU, a memory, etc., and performs a **display** character converting process, and further the converter decides **item** contents from the codes of dictionary data of one line **inputted** in **order** from a before-conversion register 9, decides the character kinds of the characters, one by one, according to the decision result of the **item** contents by utilizing a character counter 11 and **adds** attribute data (character modification data, font data, color data, etc.) for changing the character output mode, and outputs the characters to an after-conversion register 12, one by one.

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18/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

015615931 \*\*Image available\*\*  
WPI Acc No: 2003-678088/200364  
XRPX Acc No: N03-541335

Viewing system for portable electronic devices , has position sensor  
that moves relative to virtual image and viewing various portions of  
image by moving sensor

Patent Assignee: HONEYWELL INT INC (HONE ); JOHNSON M J (JOHN-I)

Inventor: JOHNSON M J

Number of Countries: 100 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030095155	A1	20030522	US 2001332357	P	20011116	200364 B
			US 2002125747	A	20020418	
WO 200344724	A2	20030530	WO 2002US36258	A	20021112	200364
AU 2002366070	A1	20030610	AU 2002366070	A	20021112	200419

Priority Applications (No Type Date): US 2001332357 P 20011116; US  
2002125747 A 20020418

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030095155	A1		17	G09G-005/00	Provisional application US 2001332357

WO 200344724 A2 E G06K-009/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA  
ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

AU 2002366070 A1 G06K-009/00 Based on patent WO 200344724

Abstract (Basic): US 20030095155 A1

NOVELTY - The system has a combination of spatio-temporal sensors  
(111) having visual and position sensor that are connected to each  
**other** . The **position** sensor **determines** the operators **position** by  
using the visual sensor. The position sensor uses sliding window  
software to move relatively with the virtual image based on the anchors  
of the visual sensor. A display shows a portion of the image by moving  
the position sensor.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a  
method of viewing a virtual **item** on a **display screen** .

USE - Used for displaying images in **portable electronic  
devices** .

ADVANTAGE - The system provides easy and fast navigation of images,  
documents or other objects substantially bigger than the display.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of  
the viewing system.

Spatio-temporal sensors. (111)

pp; 17 DwgNo 1/9

Title Terms: VIEW; SYSTEM; **PORTABLE** ; ELECTRONIC; DEVICE; POSITION; SENSE;  
MOVE; RELATIVE; VIRTUAL; IMAGE; VIEW; VARIOUS; PORTION; IMAGE; MOVE;  
SENSE

Derwent Class: P85; T01; T04

International Patent Class (Main): G06K-009/00; G09G-005/00

File Segment: EPI; EngPI

18/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009572137 \*\*Image available\*\*  
WPI Acc No: 1993-265683/199334  
XRPX Acc No: N93-203759

**Electronic notebook for use in hotels and restaurants by waiter - has  
hand - held number pad with function keys and built-in transmitter to  
send order data to cash register point**

Patent Assignee: ACS AIA SYSTEMTECHNIK AUTOMATISIERUNG (ACSA-N)

Inventor: PHILIPP D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4204876	A1	19930819	DE 4204876	A	19920218	199334 B

Priority Applications (No Type Date): DE 4204876 A 19920218

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 4204876	A1	8	G07G-001/14	

Abstract (Basic): DE 4204876 A

The electronic **notebook** (1) has a built in transmitter that allows selected order **items** to be transmitted and **received** by the register point (2). Output may be produced as a printed hard copy (3).

The **notebook** is in the form of a **hand held** device that has a decimal keyboard combined with different function keys, such as table number, guest, order etc. A three **position display** is used to indicate the three courses of a meal.

ADVANTAGE - Simplified, more reliable **placing** of **order** data.

Dwg.1/3

Title Terms: ELECTRONIC; HOTEL; RESTAURANT; WAIT; HAND; HELD; NUMBER; PAD;  
FUNCTION; KEY; BUILD; TRANSMIT; SEND; ORDER; DATA; CASH; REGISTER; POINT  
Derwent Class: T01; T04; T05

International Patent Class (Main): G07G-001/14

International Patent Class (Additional): G06F-003/023

File Segment: EPI

?

23/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

015347625 \*\*Image available\*\*  
WPI Acc No: 2003-408563/200339  
XRPX Acc No: N03-325828

**Online shopping system lends personal digital assistant to shopper  
for uploading information on goods onto server, such that order is placed  
by accessing server from terminal, using ID provided**

Patent Assignee: NEC SHIZUOKA LTD (NIDE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003067605	A	20030307	JP 2001256678	A	20010827	200339 B

Priority Applications (No Type Date): JP 2001256678 A 20010827

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2003067605 A 21 G06F-017/60

Abstract (Basic): JP 2003067605 A

NOVELTY - The retail **store** lends a **personal digital assistant** (2) to the shopper for reading and **uploading merchandise** -management information (5) of the goods (4) to the management server (3). The server (3) prints an ID (7) for purchase order using a printer (6). The shopper registers the information of goods with the merchandise management list and **places order** by accessing the server from a terminal (8) using the ID.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) shopping method;
- (2) order placement program; and
- (3) ordered goods shipment program.

USE - For online shopping, where the user collects and compares information on goods before **placing order**.

ADVANTAGE - Reduces the time and effort for shopping.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of shopping system. (Drawing includes non-English language text).

**personal digital assistant** (2)  
server (3)  
goods (4)  
merchandise-management information (5)  
printer (6)  
ID (7)  
terminal (8)  
pp; 21 DwgNo 1/2

Title Terms: SHOPPING; SYSTEM; PERSON; DIGITAL; ASSIST; INFORMATION; GOODS;  
SERVE; ORDER; PLACE; ACCESS; SERVE; TERMINAL; ID

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

23/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015224027 \*\*Image available\*\*  
WPI Acc No: 2003-284939/200328

XRPX Acc No: N03-226822

Personal digital assistant apparatus in public nursing care insurance, displays investigation item screen based in display order of setup investigation item

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003085286	A	20030320	JP 2001271165	A	20010907	200328 B

Priority Applications (No Type Date): JP 2001271165 A 20010907

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003085286	A	12	G06F-017/60	

Abstract (Basic): JP 2003085286 A

NOVELTY - A designation unit designates two pattern of display order of investigation item . A reader reads parameter of input order stored in memory according to designated pattern, and sets up display order of investigation item corresponding to investigation candidate. A display unit displays investigation item screen based on setup display order. A memory stores input reply matter.

USE - For investigating life situation of aged people in public nursing care insurance.

ADVANTAGE - Investigates condition of insured smoothly and correctly.

DESCRIPTION OF DRAWING(S) - The figure shows a screen display in visit investigation input system. (Drawing includes non-English language text).

pp; 12 DwgNo 7/8

Title Terms: PERSON; DIGITAL; ASSIST; APPARATUS; PUBLIC; NURSING; CARE; INSURANCE; DISPLAY; INVESTIGATE; ITEM; SCREEN; BASED; DISPLAY; ORDER; INVESTIGATE; ITEM

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): H04M-001/247

File Segment: EPI

23/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013015031 \*\*Image available\*\*

WPI Acc No: 2000-186882/200017

XRPX Acc No: N00-138392

Purchase order system used in restaurant calculates and transmits queuing time to corresponding portable terminal from base station, when received service amount exceeds permissible service amount

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000029952	A	20000128	JP 98199912	A	1998071	200017 B

Priority Applications (No Type Date): JP 98199912 A 19980715

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000029952	A	5	G06F-017/60	

Abstract (Basic): JP 2000029952 A

NOVELTY - The **portable** terminals (1-8) in service user side carry out mobile communication with base station (13) in sponsor side. The base station calculates queuing time, when the amount of services received exceeds the amount of permissible level. The calculated queuing time is transmitted to corresponding terminals. The terminals have **display** unit to **display** menu **screen** used in selecting service **item**. DETAILED DESCRIPTION - The processor of the base station carries out reception and management of service.

USE - For **placing order** by **wireless** communication in restaurant.

ADVANTAGE - Enables effective usage of queuing time to provide cooked goods. Facilitates order placement by service user from any place and at any time by **portable** terminals. Enables effective usage of time between arrival to **store** and start of service. Improves management efficiency by providing better service in service sponsor side. DESCRIPTION OF DRAWING(S) - The figure shows explanatory drawing of purchase order system. (1-8) **Portable** terminals; (13) Base station.

Dwg.1/2

Title Terms: PURCHASE; ORDER; SYSTEM; RESTAURANT; CALCULATE; TRANSMIT; QUEUE; TIME; CORRESPOND; **PORTABLE**; TERMINAL; BASE; STATION; RECEIVE; SERVICE; AMOUNT; PERMIT; SERVICE; AMOUNT

Derwent Class: T01; T05; W02

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G07G-001/12; H04B-007/24

File Segment: EPI

23/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012575101 \*\*Image available\*\*

WPI Acc No: 1999-381208/199932

XRFX Acc No: N99-285951

**Object flow processing system for inventory management - includes inspection unit of hand held terminal to compare order received data transmitted by retail trader and data stored in PC**

Patent Assignee: SOFT CABLE KK (SOFT-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11149512	A	19990602	JP 97313974	A	19971114	199932 B

Priority Applications (No Type Date): JP 97313974 A 19971114

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11149512	A	8	G06F-019/00	

Abstract (Basic): JP 11149512 A

NOVELTY - The retail trader transmits code of purchaser along with order data containing the brand name and quantity to whole sale manufacture. PC (31) of wholesale manufacturer receives and **stores transmitted order** data. DETAILED DESCRIPTION - **Hand held** terminal (32) is provided with scanner to input code of goods. Mobile printer (33) creates a label to be stuck on **products**. An inspection unit compares **received** order data and code of goods and outputs to PC. The PC outputs pre-transportation information to the retail trader based on the inspection data received from **hand held** terminal.



USE - For managing arrival of goods, stock taking, delivery control and office bills.

ADVANTAGE - Speed inspection at the time of arrival of good on the basis of pre-transportation information sent from wholesale manufacturers can be performed to the retail-trade. The amount of arrival of goods per day increases and run-out data is known to add purchase data timely and provides accurate stock. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of object flow processing system. (31) PC; (32) Hand held terminal; (33) Mobile printer.

Dwg.1/5

Title Terms: OBJECT; FLOW; PROCESS; SYSTEM; INVENTORY; MANAGEMENT; INSPECT; UNIT; HAND; HELD; TERMINAL; COMPARE; ORDER; RECEIVE; DATA; TRANSMIT; RETAIL; DATA; STORAGE

Derwent Class: T01

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G06F-017/60

File Segment: EPI

23/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008367203 \*\*Image available\*\*

WPI Acc No: 1990-254204/199033

XRPX Acc No: N90-197003

**Consumer computer aided shopping system - using portable bar code scanner to enter items in memory before order is assembled**

Patent Assignee: BIANCO J S (BIAN-I)

Inventor: BIANCO J S

Number of Countries: 030 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9008440	A	19900726				199033 B
AU 9050816	A	19900813				199044
US 5047614	A	19910910	US 89391733	A	19890808	199139
EP 454787	A	19911106	EP 90903264	A	19900123	199145
EP 454787	A4	19921028	EP 90903264	A	19900000	199524

Priority Applications (No Type Date): US 89391733 A 19890808; US 89300352 A 19890123

Cited Patents: US 4154482; 1.Jnl.Ref; DE 2338773; EP 271624; FR 2598533; GB 2193363; GB 2202664; JP 56168281; US 3532184; US 4396985; US 4638312

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9008440 A

Designated States (National): AU BB BG BR CA DK HU JP KP KR LK MC MG MW NO RO SD SU

Designated States (Regional): AT BE CH DK ES FR GB IT LU NL SE

EP 454787 A

Designated States (Regional): DE FR GB IT

Abstract (Basic): WO 9008440 A

The appts. includes the use of a **portable** bar code scanner (10) with an electronic memory. The consumer enters desired items into the memory by scanning bar codes on, for example, containers (26), coupons (32), advertisements (30), and pamphlets (20) from a **store**.

The memory is read by a **store** terminal (54) which may compile a printed shopping list and/or may **transmit** the **order** to a warehouse

environment for manual and/or automatic order picking. The memory may be read by the **store** terminal over a telephone line via a modem.

ADVANTAGE - Greater efficiency for both consumer and supplier of goods, with e.g., automatic order picking. (24pp Dwg.No.1,2/6

Title Terms: CONSUME; COMPUTER; AID; SHOPPING; SYSTEM; **PORTABLE** ; BAR;

CODE; SCAN; ENTER; ITEM; MEMORY; ORDER; ASSEMBLE

Derwent Class: T01; T04; T05; W01

International Patent Class (Additional): **G06F-015/24** ; G06K-007/10;

H04M-001/00

File Segment: EPI

?

23/5/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015347625 \*\*Image available\*\*  
WPI Acc No: 2003-408563/200339  
XRPX Acc No: N03-325828

**Online shopping system lends personal digital assistant to shopper for uploading information on goods onto server, such that order is placed by accessing server from terminal, using ID provided**

Patent Assignee: NEC SHIZUOKA LTD (NIDE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003067605	A	20030307	JP 2001256678	A	20010827	200339 B

Priority Applications (No Type Date): JP 2001256678 A 20010827

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003067605	A	21	G06F-017/60	

Abstract (Basic): JP 2003067605 A

NOVELTY - The retail **store** lends a **personal digital assistant** (2) to the shopper for reading and **uploading merchandise** -management information (5) of the goods (4) to the management server (3). The server (3) prints an ID (7) for purchase order using a printer (6). The shopper registers the information of goods with the merchandise management list and **places order** by accessing the server from a terminal (8) using the ID.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) shopping method;
- (2) order placement program; and
- (3) ordered goods shipment program.

USE - For online shopping, where the user collects and compares information on goods before **placing order**.

ADVANTAGE - Reduces the time and effort for shopping.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of shopping system. (Drawing includes non-English language text).

**personal digital assistant** (2)  
server (3)  
goods (4)  
merchandise-management information (5)  
printer (6)  
ID (7)  
terminal (8)  
pp; 21 DwgNo 1/2

Title Terms: SHOPPING; SYSTEM; PERSON; DIGITAL; ASSIST; INFORMATION; GOODS; SERVE; ORDER; PLACE; ACCESS; SERVE; TERMINAL; ID

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

23/5/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015224027 \*\*Image available\*\*  
WPI Acc No: 2003-284939/200328

XRPX Acc No: N03-226822

Personal digital assistant apparatus in public nursing care insurance, displays investigation item screen based in display order of setup investigation item

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003085286	A	20030320	JP 2001271165	A	20010907	200328 B

Priority Applications (No Type Date): JP 2001271165 A 20010907

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003085286	A	12	G06F-017/60	

Abstract (Basic): JP 2003085286 A

NOVELTY - A designation unit designates two pattern of display order of investigation item . A reader reads parameter of input order stored in memory according to designated pattern, and sets up display order of investigation item corresponding to investigation candidate. A display unit displays investigation item screen based on setup display order. A memory stores input reply matter.

USE - For investigating life situation of aged people in public nursing care insurance.

ADVANTAGE - Investigates condition of insured smoothly and correctly.

DESCRIPTION OF DRAWING(S) - The figure shows a screen display in visit investigation input system. (Drawing includes non-English language text).

pp; 12 DwgNo 7/8

Title Terms: PERSON; DIGITAL; ASSIST; APPARATUS; PUBLIC; NURSING; CARE; INSURANCE; DISPLAY; INVESTIGATE; ITEM; SCREEN; BASED; DISPLAY; ORDER; INVESTIGATE; ITEM

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): H04M-001/247

File Segment: EPI

23/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013015031 \*\*Image available\*\*

WPI Acc No: 2000-186882/200017

XRPX Acc No: N00-138392

Purchase order system used in restaurant calculates and transmits queuing time to corresponding portable terminal from base station, when received service amount exceeds permissible service amount

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000029952	A	20000128	JP 98199912	A	1998071	200017 B

Priority Applications (No Type Date): JP 98199912 A 19980715

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000029952	A	5	G06F-017/60	

Abstract (Basic): JP 2000029952 A

NOVELTY - The **portable** terminals (1-8) in service user side carry out mobile communication with base station (13) in sponsor side. The base station calculates queuing time, when the amount of services received exceeds the amount of permissible level. The calculated queuing time is transmitted to corresponding terminals. The terminals have **display** unit to **display** menu **screen** used in selecting service **item**. DETAILED DESCRIPTION - The processor of the base station carries out reception and management of service.

USE - For **placing order** by **wireless** communication in restaurant.

ADVANTAGE - Enables effective usage of queuing time to provide cooked goods. Facilitates order placement by service user from any place and at any time by **portable** terminals. Enables effective usage of time between arrival to **store** and start of service. Improves management efficiency by providing better service in service sponsor side. DESCRIPTION OF DRAWING(S) - The figure shows explanatory drawing of purchase order system. (1-8) **Portable** terminals; (13) Base station.

Dwg.1/2

Title Terms: PURCHASE; ORDER; SYSTEM; RESTAURANT; CALCULATE; TRANSMIT; QUEUE; TIME; CORRESPOND; **PORTABLE**; TERMINAL; BASE; STATION; RECEIVE; SERVICE; AMOUNT; PERMIT; SERVICE; AMOUNT

Derwent Class: T01; T05; W02

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G07G-001/12; H04B-007/24

File Segment: EPI

23/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012575101 \*\*Image available\*\*

WPI Acc No: 1999-381208/199932

XRPX Acc No: N99-285951

**Object flow processing system for inventory management - includes inspection unit of hand held terminal to compare order received data transmitted by retail trader and data stored in PC**

Patent Assignee: SOFT CABLE KK (SOFT-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11149512	A	19990602	JP 97313974	A	19971114	199932 B

Priority Applications (No Type Date): JP 97313974 A 19971114

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11149512	A	8	G06F-019/00	

Abstract (Basic): JP 11149512 A

NOVELTY - The retail trader transmits code of purchaser along with order data containing the brand name and quantity to whole sale manufacture. PC (31) of wholesale manufacturer receives and **stores transmitted order** data. DETAILED DESCRIPTION - **Hand held** terminal (32) is provided with scanner to input code of goods. Mobile printer (33) creates a label to be stuck on **products**. An inspection unit compares **received** order data and code of goods and outputs to PC. The PC outputs pre-transportation information to the retail trader based on the inspection data received from **hand held** terminal.

USE - For managing arrival of goods, stock taking, delivery control and office bills.

ADVANTAGE - Speed inspection at the time of arrival of good on the basis of pre-transportation information sent from wholesale manufacturers can be performed to the retail-trade. The amount of arrival of goods per day increases and run-out data is known to add purchase data timely and provides accurate stock. DESCRIPTION OF

DRAWING(S) - The figure shows the block diagram of object flow processing system. (31) PC; (32) Hand held terminal; (33) Mobile printer.

Dwg.1/5

Title Terms: OBJECT; FLOW; PROCESS; SYSTEM; INVENTORY; MANAGEMENT; INSPECT; UNIT; HAND; HELD; TERMINAL; COMPARE; ORDER; RECEIVE; DATA; TRANSMIT; RETAIL; DATA; STORAGE

Derwent Class: T01

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G06F-017/60

File Segment: EPI

23/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008367203 \*\*Image available\*\*

WPI Acc No: 1990-254204/199033

XRPX Acc No: N90-197003

**Consumer computer aided shopping system - using portable bar code scanner to enter items in memory before order is assembled**

Patent Assignee: BIANCO J S (BIAN-I)

Inventor: BIANCO J S

Number of Countries: 030 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9008440	A	19900726				199033 B
AU 9050816	A	19900813				199044
US 5047614	A	19910910	US 89391733	A	19890808	199139
EP 454787	A	19911106	EP 90903264	A	19900123	199145
EP 454787	A4	19921028	EP 90903264	A	19900000	199524

Priority Applications (No Type Date): US 89391733 A 19890808; US 89300352 A 19890123

Cited Patents: US 4154482; 1.Jnl.Ref; DE 2338773; EP 271624; FR 2598533; GB 2193363; GB 2202664; JP 56168281; US 3532184; US 4396985; US 4638312

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9008440 A

Designated States (National): AU BB BG BR CA DK HU JP KP KR LK MC MG MW NO RO SD SU

Designated States (Regional): AT BE CH DK ES FR GB IT LU NL SE

EP 454787 A

Designated States (Regional): DE FR GB IT

Abstract (Basic): WO 9008440 A

The appts. includes the use of a **portable** bar code scanner (10) with an electronic memory. The consumer enters desired items into the memory by scanning bar codes on, for example, containers (26), coupons (32), advertisements (30), and pamphlets (20) from a **store**.

The memory is read by a **store** terminal (54) which may compile a printed shopping list and/or may **transmit** the **order** to a warehouse

environment for manual and/or automatic order picking. The memory may be read by the store terminal over a telephone line via a modem.

ADVANTAGE - Greater efficiency for both consumer and supplier of goods, with e.g., automatic order picking. (24pp Dwg.No.1,2/6  
Title Terms: CONSUME; COMPUTER; AID; SHOPPING; SYSTEM; **PORTABLE** ; BAR;  
CODE; SCAN; ENTER; ITEM; MEMORY; ORDER; ASSEMBLE  
Derwent Class: T01; T04; T05; W01  
International Patent Class (Additional): **G06F-015/24** ; G06K-007/10;  
H04M-001/00

File Segment: EPI

? s s2 and s13

741082 S2

138 S13

S24 6 S2 AND S13

? t s24/5/all

**24/5/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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015931093

WPI Acc No: 2004-088934/200409

XRAM Acc No: C04-036256

XRFX Acc No: N04-071184

**Thiophene and additive containing mixture for making, e.g. coating useful in flexible or rigid substrate or article for electronic and optoelectronic devices, comprises dispersion and additive(s)**

Patent Assignee: CONNELL J W (CONN-I); FREITAG D (FREI-I); GO P (GOPP-I);

ELECON INC (ELEC-N)

Inventor: **CONNELL J W** ; FREITAG D; GO P

Number of Countries: 102 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030193042	A1	20031016	US 2002350397	P	20020122	200409 B
			US 2003349285	A	20030121	
WO 200421366	A2	20040311	WO 2003US1842	A	20030121	200419

Priority Applications (No Type Date): US 2002350397 P 20020122; US 2003349285 A 20030121

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030193042	A1		21	H01B-001/00	Provisional application US 2002350397

WO 200421366 A2 E H01B-001/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW

Abstract (Basic): US 20030193042 A1

NOVELTY - A mixture comprises dispersion and additive(s). The dispersion comprises oligomer, dendrimer, or polymer. The oligomer, dendrimer, or polymer contains thiophene groups in cationic form with anionic compound, anionic oligomer, anionic dendrimer, or anionic polymer; and water. The additive(s) comprises ketal, lactone, carbonate, cyclic oxide, di ketone, anhydride, amino carbonic acid, carbonic acid, phenol, inorganic acid, and/or their derivatives.

USE - Useful for making coating useful in flexible or rigid substrate or article for electronic and optoelectronic devices, fiber, fabric or foam (claimed).

ADVANTAGE - The invention provides a coating that exhibits volume resistivity less than 6.6, preferably less than 0.5 OMEGA.cm, and optical transmission greater than 80% after drying for 5 minutes at 80degreesC (claimed). It provides high electrical conductivity, excellent optical transparency, and low temperature processing.

DESCRIPTION OF DRAWING(S) - The figure shows chemical structures of the additives.

pp; 21 DwgNo 0/5

Title Terms: THIOPHENE; ADDITIVE; CONTAIN; MIXTURE; COATING; USEFUL; FLEXIBLE; RIGID; SUBSTRATE; ARTICLE; ELECTRONIC; DEVICE; COMPRISE; DISPERSE; ADDITIVE

Derwent Class: A13; A26; A85; G02; L01; L03; U11; V04; X12; X16; X25

International Patent Class (Main): H01B-001/00

File Segment: CPI; EPI

24/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015523662 \*\*Image available\*\*

WPI Acc No: 2003-585810/200355

XRPX Acc No: N03-466407

**Transmitter power level control method in wireless local area network, involves adjusting transmitter power level of mobile device, based on transmitter power level data of access point**

Patent Assignee: KELLOGG W (KELL-I); KLEIN J (KLEI-I); MELVILLE G (MELV-I); MONTGOMERY R (MONT-I); NGUYEN D (NGUY-I); OUCHIDA W (OUCH-I); WERBACK A (WERB-I)

Inventor: **KELLOGG W** ; KLEIN J; MELVILLE G; MONTGOMERY R; NGUYEN D; OUCHIDA W; WERBACK A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030100328	A1	20030529	US 2001996514	A	20011128	200355 B

Priority Applications (No Type Date): US 2001996514 A 20011128

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030100328 A1 6 H04B-007/00

Abstract (Basic): US 20030100328 A1

NOVELTY - Data representing transmitter power level of an access point, is transmitted to a mobile device. The access point transmitter power level data is received at the mobile device. Transmitter power level of mobile device is adjusted based on the access point transmitter power level data.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) mobile device; and

(2) method of controlling interference in **wireless** local area network.

USE - For controlling transmitter power level of a mobile device (claimed) such as **personal digital assistant (PDA)**, **notebook computer**, mobile telephone, in **wireless** local area network (WLAN).

ADVANTAGE - Effectively avoids radio interference and increases data transmission rate of WLAN, since effective range of higher data signals between access point and mobile device is reduced. Enables reliable adjustment of the power level of the mobile unit,



corresponding to the access point.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram of the transmitter power level control process.

pp; 6 DwgNo 4/4

Title Terms: TRANSMIT; POWER; LEVEL; CONTROL; METHOD; WIRELESS ; LOCAL; AREA; NETWORK; ADJUST; TRANSMIT; POWER; LEVEL; MOBILE; DEVICE; BASED; TRANSMIT; POWER; LEVEL; DATA; ACCESS; POINT

Derwent Class: W01; W02

International Patent Class (Main): H04B-007/00

File Segment: EPI

24/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015195397 \*\*Image available\*\*

WPI Acc No: 2003-255933/200325

XRFX Acc No: N03-203083

Product information provision method for e.g. non-commercial spaces involves determining position of portable display device based on which product information is provided to customer

Patent Assignee: INT BUSINESS MACHINES CORP (IBM )

Inventor: CONNELL J H ; KELLOGG W A ; MALKIN P K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030009394	A1	20030109	US 2001900334	A	20010706	200325 B

Priority Applications (No Type Date): US 2001900334 A 20010706

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030009394	A1	17	G06F-017/60	

Abstract (Basic): US 20030009394 A1

NOVELTY - A local reference frame having a space with product identifier and a **portable** display device are established. A request for product information corresponding to product identifier is received from the **portable** display device whose position is determined in relation to local reference frame. The product information such as sales information, according to the position of **portable** display device is provided to the customer.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) user access provision system;

(2) program storage device for storing product information provision program.

USE - For providing product information for indoors on a sales floor, outdoors at an vehicle dealership and in non-commercial spaces such as museum.

ADVANTAGE - Provides customer personal access to multimedia information about product in real-time. Provides navigation directions from the current location to the vicinity of selected item and allows the entering of a bid for a nearby item.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of business process providing product information.

pp; 17 DwgNo 6/11

Title Terms: PRODUCT; INFORMATION; PROVISION; METHOD; NON; COMMERCIAL; SPACE; DETERMINE; POSITION; **PORTABLE** ; DISPLAY; DEVICE; BASED; PRODUCT; INFORMATION; CUSTOMER

Derwent Class: T01; W05  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

24/5/4 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014677148 \*\*Image available\*\*  
WPI Acc No: 2002-498205/200253  
XRPX Acc No: N02-394268

Information display method in pager, involves forming array of elements on display with graphical information indicating state of corresponding attributes

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )  
Inventor: BELLAMY R K E; HANSON V L; **KELLOGG W A** ; RICHARDS J T; SWART C B  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6373505	B1	20020416	US 99356531	A	19990719	200253 B

Priority Applications (No Type Date): US 99356531 A 19990719

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 6373505 B1 10 G09G-005/00

Abstract (Basic): US 6373505 B1

NOVELTY - An array of user selectable elements representing several attributes and position of each element in the array, are formed on a display. Each element has graphical information that indicates the state of corresponding attributes.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (a) **Electronic display device** ; and
- (b) Computer readable recorded medium storing information display program.

USE - For displaying information in **electronic display device** (claimed) of pager, cellular telephone, etc.

ADVANTAGE - A user interface control makes easy to see information at a glance while also allowing rapid and direct switching between attributes based on position in the set, thereby providing further information about specific attributes. Provides a useful overall visualization aid supporting the task of assigning a value to each attribute in a set.

DESCRIPTION OF DRAWING(S) - The figure shows the selected attributes of the **electronic display device** .

pp; 10 DwgNo 5/7

Title Terms: INFORMATION; DISPLAY; METHOD; PAGE; FORMING; ARRAY; ELEMENT;  
DISPLAY; GRAPHICAL; INFORMATION; INDICATE; STATE; CORRESPOND; ATTRIBUTE  
Derwent Class: P85; T01; W01; W05  
International Patent Class (Main): G09G-005/00  
File Segment: EPI; EngPI

24/5/5 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013780747 \*\*Image available\*\*

WPI Acc No: 2001-264958/200127  
XRPX Acc No: N01-189422

Electronic chassis apparatus has air filter set within electronic chassis and spaced apart from EMI shielding screen to allow room air to flow through air filter and to allow distribution of filtered air

Patent Assignee: 3COM CORP (THRE-N)

Inventor: CONNELL J J ; KORADIA A; RAVLIN P A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6185109	B1	20010206	US 99258710	A	19990226	200127 B

Priority Applications (No Type Date): US 99258710 A 19990226

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6185109	B1	6	H05K-009/00	

Abstract (Basic): US 6185109 B1

NOVELTY - An electromagnetic interference (EMI) shielding screen (46) consists of a grid pattern set adjacent to a card guide (40). The EMI shield screen covers the openings of the card guide. An air filter (30) is set within an electronic chassis (12), and spaced apart from EMI shielding screen to allow room air to flow through air filter and to allow filtered air to be distributed along the openings.

DETAILED DESCRIPTION - The first card guide is attached to the electronic chassis. The electronic chassis has channels which receive oriented circuit boards (20). Each channel is positioned adjacent to each opening. An INDEPENDENT CLAIM is also included for an operating method for electronic chassis.

USE - For electronic components for high speed telecommunication and networking application.

ADVANTAGE - Ensures even distribution of air flows through the air filter and into the chassis along each circuit board, thus preventing overheating of circuit boards within the chassis. Prevents electronic emissions from exiting the chassis by positioning the EMI shielding screens along the top and bottom of the chassis.

DESCRIPTION OF DRAWING(S) - The figure shows the perspective view of the electronic chassis apparatus.

Electronic chassis (12)

Circuit boards (20)

Air filter (30)

Card guide (40)

shielding screen (46) Electromagnetic interference (EMI)

pp; 6 DwgNo 1/4

Title Terms: ELECTRONIC; CHASSIS; APPARATUS; AIR; FILTER; SET; ELECTRONIC; CHASSIS; SPACE; APART; EMI; SHIELD; SCREEN; ALLOW; ROOM; AIR; FLOW; THROUGH; AIR; FILTER; ALLOW; DISTRIBUTE; FILTER; AIR

Derwent Class: V04; W01

International Patent Class (Main): H05K-009/00

File Segment: EPI

24/5/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009004511

WPI Acc No: 1992-131805/199216

XRAM Acc No: C92-061665

XRPX Acc No: N92-098331

Prepn. of poly 1,2,4 triazole for composite resin matrix of plane - by

Search Performed by Sylvia Keys 19-Apr-04

aromatic nucleophilic displacement reaction of di(hydroxyphenyl) 1,2,4 triazole with activated aromatic dihalide

Patent Assignee: NASA US NAT AERO & SPACE ADMIN (USAS ); NAT AERO & SPACE ADMIN (USAS )

Inventor: CONNELL J W ; HERGENROTHER P M; WOLF P; CORNELL J W; HERGENROTH P M

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 7650336	N	19920303	US 91650336	A	19910124	199216 B
US 5182356	A	19930126	US 91650336	A	19910124	199307

Priority Applications (No Type Date): US 91650336 A 19910124

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 7650336	N		18		
US 5182356	A		9	C08G-073/08	

Abstract (Basic): US 7650336 A

Prepn. of poly (1,2,4-triazoles) involves the aromatic nucleophilic displacement reaction of di(hydroxyphenyl)-1,2,4-triazole monomers (A) with activated aromatic dihalides or dinitro cpds. The reaction is carried out in polar aprotic solvents such as sulpholane or diphenylsulphone using alkali metal bases such as potassium carbonate at elevated temps. under N2.

Dwg.0/0

Title Terms: PREPARATION; POLY; TRIAZOLE; COMPOSITE; RESIN; MATRIX; PLANE; AROMATIC; NUCLEOPHILE; DISPLACEMENT; REACT; DI; HYDROXY; PHENYL; TRIAZOLE ; ACTIVATE; AROMATIC; DI; HALIDE

Derwent Class: A26; A85; A95; L03; U11

International Patent Class (Main): C08G-073/08

International Patent Class (Additional): C08G-000/01

File Segment: CPI; EPI

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File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Mar  
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(c) 2002 The Gale Group  
File 474:New York Times Abs 1969-2004/Apr 16  
(c) 2004 The New York Times  
File 475:Wall Street Journal Abs 1973-2004/Apr 16  
(c) 2004 The New York Times

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Set	Items	Description
S1	183118	PDA OR HANDHELD? OR HAND()HELD? OR BLACKBERRY? OR (DIGITAL OR ELECTRONIC) (1W) (APPLIANC? OR DEVICE? OR EQUIPMENT? OR COMPONENT? ? OR APPARATUS) OR PERSONAL() (DIGITAL OR SHOPPING) () AS-SISTANT? OR WIRELESS
S2	279813	S1 OR THINKPAD? OR NOTEBOOK? OR SUBNOTEBOOK? OR MININOTEBOOK? OR NOTE() (BOOK OR BOOKS OR PAD OR PADS) OR PALM OR PENTOP? OR POCKET OR PORTABLE OR PALM()TOP? OR PALMTOP?
S3	12763	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDIS?) (8N) (-LOCAT? OR RETRIEV? OR FIND OR FINDING?)
S4	48492	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) - (ADDITION? OR ADD OR ADDS OR ADDING OR INPUT? OR PROVIDE OR PROVIDES OR PROVIDING OR INPUT?)
S5	14742	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) - (IDENTIFIER OR IDENTIFIERS OR BRAND OR BRANDS OR BRANDING OR -VIN OR (PRICE OR UPC) () (CODE OR CODES OR DESCRIPTION? OR LABEL OR LABELS OR TAG OR TAGS))
S6	75709	(PRODUCT OR PRODUCTS OR ITEM OR ITEMS OR MERCHANDISE?) (8N) - (DISPLAY? OR RECEIV? OR SHOW OR SHOWING OR SHOW OR SCREEN? ? -OR VIEW? ? OR DOWNLOAD? OR UPLOAD? OR (UP OR DOWN) ()LOAD? OR -EXPORT? OR IMPORT?)
S7	3516	(PLACE OR PLACES OR PLACING OR INPUT? OR SUBMIT? OR TRANSMIT?) (1W) (ORDER OR ORDERS OR ORDERING)
S8	54327	(SUGGEST? OR RECOMMEND? OR DETERMIN?) (5N) (ALTERNATIVE? OR -ADDITIONAL? OR OTHER? ? OR OPTION?)
S9	31735	(NAVIGAT? OR SHOW OR SHOWS OR SHOWING) (5N) (AREA? ? OR LOCATION? OR SPACE OR SPACES OR COORDINATE? ? OR FLOOR() (PLAN OR -PLANS) OR LOCALE OR LOCALES OR SPACE OR SPACES OR POSITION? OR ROW OR ROWS OR DEPARTMENT OR DEPARTMENTS OR AISLE?)
S10	90435	(DETERMIN? OR SHOW OR SHOWS OR SHOWING OR DISPLAY?) (5N) (POSITION? OR AREA? ? OR LOCATION? OR SPACE OR SPACES OR COORDINATE? ? OR FLOOR() (PLAN OR PLANS) OR LOCALE OR LOCALES OR SPACE? ? OR SPATIAL? OR ROW? ? OR DEPARTMENT? ? OR AISLE?)
S11	803556	BEACON OR BEACONS OR SENSOR OR SENSORS OR ENVIRONMENTAL() (-MARKING OR MARKINGS) OR GPS OR GLOBAL() POSITIONING? OR BEAM OR BEAMS OR BEAMING
S12	309218	STORE OR STORES OR TRADESHOW? OR TRADE()SHOW? OR MALL OR MALLS OR SHOWROOM? OR SHOW()ROOM? OR MUSEUM? OR CONVENTION OR -CONVENTIONS
S13	209	AU=(MALKIN, P? OR MALKIN P? OR CONNELL, J? OR CONNELL J? -OR KELLOGG, W? OR KELLOGG W?)

S14	5415	S2 AND (S3 OR S4 OR S5 OR S6)
S15	186	S14(5N) (S7 OR S8 OR S9 OR S10 OR S11 OR S12)
S16	155	S15 NOT PY>2001
S17	135	RD (unique items)
S18	112	S17 NOT (FIRM? OR DRIV? OR SHOW()UP)
S19	98	S18 NOT (APPOINTMENT? OR TRAVEL?)
S20	95	S19 NOT (WISH? OR ASSET?)
S21	87	S20 NOT (LIGHT? OR TUNING?)
S22	5	S2 AND S13
S23	5	RD (unique items)

21/5/1 (Item 1 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00133086 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Rand McNally StreetFinder Deluxe (708704); eTrex Vista (074136); Earthmate Road Warrior Edition (023116); Map 330 (074144)

**TITLE:** GPS products find a way to get you there

**AUTHOR:** Brady, Heather S

**SOURCE:** Government Computer News, v20 n19 p50(3) Jul 16, 2001

**ISSN:** 0738-4300

**HOME PAGE:** <http://www.gcn.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Comparison

**GRADE:** Product Comparison, No Rating

Rand McNally's Rand McNally StreetFinder Deluxe, GARMIN's eTrex Vista, DeLorme's Earthmate Road Warrior Edition, and Magellan's Map 330 are global positioning system (GPS) products that can help map a route to a destination. StreetFinder Deluxe and Earthmate Road Warrior Edition are PC-based, while eTrex Vista and Map 330 are **handhelds**. The advantages of PC-based GPS units include the amount of data they can contain on more readable notebook screens, are easier to install, and are excellent for new users. However, they are not as portable as handhelds. eTrex Vista is easier to learn than Map 330, has more map detail, and has a better interface. However, Map 330 does a better job of locating satellite signals when indoors or under cover. Also, the controls at the front of the unit are more clearly labeled. Both Road Warrior and StreetFinder performed the same functions as eTrex and Map 330, but with broader capabilities. StreetFinder is easier to use than Road Warrior, and while it does not list as many locations as Road Warrior, every link has guidebook-style information.

**COMPANY NAME:** Rand McNally New Media (596116); Garmin Ltd (667021); DeLorme (469971); Magellan Corp (520641)

**SPECIAL FEATURE:** Buyers Guides

**DESCRIPTORS:** Government; GPS; Laptops; Mapping; Mobile Computing; Navigation Aids

**REVISION DATE:** 20031222

21/5/2 (Item 2 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00131335 DOCUMENT TYPE: Review

**PRODUCT NAMES:** AutoID (834211)

**TITLE:** The Fast Track: Radio-frequency devices promise to make it easier...

**AUTHOR:** Rosen, Cheryl

**SOURCE:** Information Week, v842 p22(3) Jun 18, 2001

**ISSN:** 8750-6874

**HOME PAGE:** <http://www.informationweek.com>

**RECORD TYPE:** Review

REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

A group of retailers, manufacturers, and vendors have joined together to test radio-frequency identification (RFID) technology that will make it possible to track inventory as it moves from point to point. Radio frequency chips can be embedded in any kind of inventory, and information can be written to the devices at any point in the supply chain. The chips will be able to transmit data to servers automatically. The radio waves that are emitted from the devices can pass through packaging, making it possible to monitor the inventory without opening the box. In the **store**, a small RFID **receiver** would be able to track an **item** every time it is moved, then send that information via radio frequency to a local server. Retailers could track when they are out of items of any kind and have their system order more.

COMPANY NAME: Vendor Independent (999999)  
DESCRIPTORS: AutoID; Barcoding; Communications Standards; Inventory; RFID;  
Wireless Networks  
REVISION DATE: 20020530

21/5/3 (Item 3 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00128105 DOCUMENT TYPE: Review

PRODUCT NAMES: Mobile Commerce (843784)

TITLE: E-Commerce Unleashed: Mobile-commerce applications and service...  
AUTHOR: Rysavy, Peter  
SOURCE: Network Computing, v12 n12 p56(7) Jan 22, 2001  
ISSN: 1046-4468  
HOMEPAGE: <http://www.NetworkComputing.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

A discussion of wireless-enabled access to e-commerce functions and resources emphasizes the huge potential of the technology and related markets as well as the caveats involved. For instance, cellular users around the world can now use Web-ready cell phones, handheld computers, and personal digital assistants (PDAs) that could allow a user to do competitive online shopping from inside a **store** while looking at a **product**. Users could also **receive** information as to availability of desired **products** or entertainment event tickets on their wireless devices. Forty percent of the e-commerce market, which should be worth \$21 billion by 2004, is also estimated to be made up of wireless e-commerce. However, content and applications have to be developed in multiple mobile formats, and security methods are far from agreed upon. Evolving payment systems and networks are hardly ready to support hordes of wireless users, and the many wireless networks, markup languages, and devices proposed have made development of mobile commerce applications highly complex. However, solutions may be on the way in the form of middleware, wireless portals, and wireless application service providers (ASPs). Among topics covered are statistics describing current use of wireless, including wireless data transfer and types of applications used; architecture and protocols; settlements and payments; and roadblocks, including slow connections and the need to change application logic.



COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Charts Graphs  
DESCRIPTORS: Communications Standards; E-Payment; Handhelds & Palmtops;  
Mobile Computing; Wireless Internet  
REVISION DATE: 20030330

21/5/4 (Item 4 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00116895 DOCUMENT TYPE: Review

PRODUCT NAMES: Net.Commerce (627291); DB2 (701866); Netfinity Manager  
(721948); Netscape Enterprise Server (608904); Microsoft Windows NT  
(347973)

TITLE: A Site Where Batteries Are Included  
AUTHOR: Caulfield, Brian  
SOURCE: Internet World, v5 n18 p14(2) May 10, 1999  
ISSN: 1097-8291  
HOMEPAGE: <http://www.iw.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

IBM's DB2 database, Net.Commerce, and Netfinity Manager, Netscape Communications' Netscape Enterprise Server, and Microsoft's Microsoft NT are used by 1-800-Batteries, a Web-based, online business that specializes in e-commerce. The site uses the DB2 database to track customer preferences and to store the product database. Net.Commerce provides purchasing and transaction support, while Netfinity machines running Netscape Enterprise server on Windows NT provide front-end Web hosting. The company can provide batteries and other equipment for every laptop, portable telephone, personal digital assistant, camcorder, and 2-way radio owned by customers. Therefore, a huge database is required. Ken Hawk, CEO of 1-800-Batteries, says his company's Internet basis may be better than a telephone service-based business, since describing a battery is easier with a picture than with spoken words. About 6 percent of 1-800-Batteries' revenues came from the World Wide Web in 1998, but by the end of 1999, the CEO's goal is to have half of sales generated from the Web. Hawk continues to gather battery inventory from more than 300 suppliers, including small electronics shops and large computer makers, and to resell the batteries to customers. Almost all queries in 1-800-Batteries' site locate the type of battery the customer is seeking.

COMPANY NAME: IBM Corp (351245); Netscape Communications Corp (592625);  
Microsoft Corp (112127)  
DESCRIPTORS: Catalogs; DB2; E-Commerce; Internet Marketing; Internet  
Utilities; Windows NT/2000  
REVISION DATE: 20010430

21/5/5 (Item 5 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00111189 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Microsoft Windows CE (633119)

**TITLE:** Getting a good grip: The handheld computer market is taking hold  
a...

**AUTHOR:** Lazar, Gerard

**SOURCE:** Federal Computer Week, v12 n25 p34(2) Jul 27, 1998

**ISSN:** 0893-052X

**HOME PAGE:** <http://www.fcw.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

Microsoft's Microsoft Windows CE running on the Compaq C Series of handheld devices provides many scaled-back versions of Microsoft's desktop products, including Word, PowerPoint, Excel, and Internet Explorer. Broader use of Windows CE will ease information sharing among various handheld platforms, says Greg Blatnik, a VP of Zona Research. Windows CE also eases information sharing with larger Windows-enabled applications. Because Windows CE is a relatively new product, most devices sold by Palm Computing use the vendor's own OS. Windows CE could be in a battle for market share with PalmPilot in the next year, and although the PalmPilot will continue to be popular, Windows CE will probably lead the market at some point in the future. Handheld devices are slightly larger than personal digital assistants (PDAs), but are still very portable. The Marine Corps provides field officers with handheld devices, but the devices have to be carefully designed and optimized to balance requirements for power usage, weight, and storage capacities. One application used by the Marines provides 'situational awareness during battlefield conditions,' including location of troop positions on a digital map using a Global Positioning System (GPS) receiver and e-mail. Some vendors are positioning their handhelds as smaller PCs that will perform many computing functions that could replace notebook computers or desktop computers. For instance, Hewlett-Packard's 200 series weighs 20 ounces and is designed for the mobile professional who is away from his or her desk more than 25 percent of the time.

**COMPANY NAME:** Microsoft Corp (112127)

**SPECIAL FEATURE:** Photographs

**DESCRIPTORS:** GPS ; Handhelds & Palmtops ; HP^HP/Co ; HP/Compaq; Mobile Computing; Operating Systems; Palm OS; Windows CE

**REVISION DATE:** 20030330

21/5/6 (Item 6 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00083266 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Adobe After Effects (583243); FormLogic (509884);  
PocketCall 2.0 (491268)

**TITLE:** Multimedia and emerging handheld markets make their mark at  
Macworld

**AUTHOR:** Hwang, Diana

**SOURCE:** CRN, v643 p53(2) Aug 14, 1995

**ISSN:** 0893-8377

**HOME PAGE:** <http://www.crn.com>

**RECORD TYPE:** Review

REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Vendors demonstrated their **products** at the Macworld trade show. Adobe Systems revealed After Effects 3.0 for the Macintosh and Power Macintosh. After Effects 3.0 is closely integrated with Adobe's Photoshop and Illustrator programs. This version offers enhanced motion control and time remapping, for more control over frame rates and playback. Other features include batch rendering, visual control paths, and Bezier masking tools. Wright Strategies' FormLogic 1.1 Newton software, formerly called OmniForm, includes two components. The builder is used for application development, and the server is used for distribution and data retrieval. It includes a feature for Windows connectivity, and is able to distribute form records from a server to field data collection units. Ex Machina's PocketCall 2.0 is used on handheld devices for text-based terminal-emulation which allows access to online services.

COMPANY NAME: Adobe Systems Inc (394173); Wright Strategies (584916);  
AirMedia Inc (547492)  
DESCRIPTORS: Apple Macintosh; Apple Newton; Digital Video; Graphics Tools;  
Handhelds & Palmtops; Image Processing; MacOS; Mobile Computing;  
PowerMac; Program Development; Terminal Emulators  
REVISION DATE: 20020130

21/5/7 (Item 7 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00074721 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--NeXT Software Inc (850632)

TITLE: NeXT targets the enterprise  
AUTHOR: Rosenblatt, Bill  
SOURCE: Advanced Systems, v8 n2 p65(3) Feb 1995  
ISSN: 1046-5456

RECORD TYPE: Review  
REVIEW TYPE: Company

NeXT, although it has little popular appeal, is highly praised by critics and analysts. NeXT's new Enterprise Objects (EO) Framework and Portable Distributed Objects represent the company's latest attempt to break into the mainstream. EO takes advantage of object-oriented development trends. Although OO development has become popular, relational databases still are used to **store** corporate data. While some development **products provide** an object interface to relational data, EO goes further in objectifying relational data. Developers are able to use EO to build new applications on top of existing relational data. The framework uses entity-relationship modeling for automating the object-to-relations mapping. An E-R model is very similar to an object model, but lacks inheritance and methods.

COMPANY NAME: NeXT Software Inc (459381)  
DESCRIPTORS: Database Management; Distributed Objects; Distributed  
Processing; Logical Data Modeling; Network Software; NeXT; OOP (Object  
Oriented Programming); Program Development; Software Marketing  
REVISION DATE: 20020703

21/5/8 (Item 8 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00068948 DOCUMENT TYPE: Review

**PRODUCT NAMES:** VIS-A-VIS for Windows (526738); En Route Penfriend Run Time (526746); PenDOS (374733)

**TITLE:** Roaming Around the Mobile Computing Industry

**AUTHOR:** Staff

**SOURCE:** Pen-Based Computing, v4 n8 p4(2) Sep/Oct 1994

**ISSN:** 1054-4011

**HOME PAGE:** <http://www.volksware.com/pbc>

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

Air Communicator for Windows, a small turnkey cellular fax, modem, and telephone device, helped reporters at the Woodstock '94 music festival report back to American Online's Woodstock forum file stories from notebook computers. VIS-A-VIS for Windows allows LiveWork LiveBoard 3 system users to engage in multipoint conferences. They share a common draw/comment/view board, and use pen devices to create, **store**, **retrieve**, annotate, and print images. En Route, a messaging **product**, allows Newton users to gain access to LAN QuickMail mailboxes to send and retrieve messages from a personal digital assistant (PDA). Penfriend Run Time is a scaled down, hardware-independent, powerful tool for creating forms-type applications on PDAs and other pen computers. Run-time modules are available for PenPad, Casio Zoomer, PenDOS machines, and other platforms.

**COMPANY NAME:** Symantec Corp (386251); CE Software Inc (232921);

Communication Intelligence Corp (448494).

**DESCRIPTORS:** Apple Newton; Conferencing; Handhelds & Palmtops; IBM PC &

Compatibles; Mobile Computing; Pen Software; Windows; Wireless Networks

**REVISION DATE:** 20020930

21/5/9 (Item 9 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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00068042 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Microsoft Object Linking & Embedding (OLE) 2.0 (387321); COM (Component Object Model) (516791); XShell (494828); Orbix (517399); ORBeline (522571)

**TITLE:** Object Interoperability

**AUTHOR:** Hayes, Frank

**SOURCE:** Open Systems Today, v155 p1(2) Aug 1, 1994

**ISSN:** 1061-0839

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

At the recent Object World **trade show** in San Francisco, various object interoperability **products** were demonstrated. Digital Equipment showed off Object Broker, which provides access to UNIX systems from Microsoft Windows Object Linking & Embedding (OLE) 2.0. DEC and Microsoft revealed their new

distributed services architecture, Common Object Model (COM). Expertsoft XShell supports OLE 2.0, and XShell will also be integrated with Communications Integrator to allow XShell objects access to mainframes and minicomputers from IBM, DEC, and other vendors. Orbix is a Common Object Request Broker (CORBA)-compliant ORB that also supports OLE, and ORBeline, from PostModern Computing Technologies, offers ORB-supporting intelligent routing, fault tolerance, and scripting languages. Many other products are also described.

COMPANY NAME: Microsoft Corp (112127); ExpertSoft Corp (580422); IONA Technologies Ltd (587028); Borland Software Corp (347141)  
DESCRIPTORS: Distributed Objects; Distributed Processing; IBM PC & Compatibles; Integration Software; Network Software; OOP (Object Oriented Programming); Open Source; Standards; Windows  
REVISION DATE: 20030825

21/5/10 (Item 10 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00066180 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Digital Equipment Corp (850217); Company--Oracle Corp (850233)

TITLE: Digital, Oracle Turn to ESP to Attract IBM, Unisys, Bull Mainframe...

AUTHOR: Whiting, Rick

SOURCE: digital news & review, v11 n13 p3(1) Jul 11, 1994

ISSN: 0739-4314

RECORD TYPE: Review

REVIEW TYPE: Company

Digital Equipment Corporation enters a joint venture with Oracle Corporation. The goal is to provide products and services to mainframe users needing to convert to RDBMS. The products are to be sold as the Enterprise Solution Program (ESP). ESP combines Alpha hardware, DEC UNIX, and Parallel Server/Query software from Oracle. The two companies will collaborate further by adapting Oracle's Server Manager to Digital's Polycenter NetView management package. Oracle's Parallel Backup/Restore system will be ported to the Alpha platform as well. The ESP undertaking and other announcements were presented at a recent **trade show**. **Items** of interest are reported here.

COMPANY NAME: Digital Equipment Corp (395510); Oracle Corp (010740)  
DESCRIPTORS: Alpha; Database Management; Oracle; Parallel Processing; Program Development; Software Marketing; UNIX  
REVISION DATE: 20030430

21/5/11 (Item 11 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00065978 DOCUMENT TYPE: Review

PRODUCT NAMES: GeoFirma (515329)

**TITLE: Mobile Computing**

**AUTHOR: Varon, Elana**

**SOURCE: Federal Computer Week, v8 n14 p33(2) Jun 13, 1994**

**ISSN: 0893-052X**

**HOME PAGE: http://www.fcw.com**

**RECORD TYPE: Review**

**REVIEW TYPE: Product Analysis**

**GRADE: Product Analysis, No Rating**

Pen-based computing holds particular promise for field workers collecting data, as well as for users of portable applications in general. PenStuff Incorporated offers two new hardware/software packages to fill this niche. FieldPack Designer and FieldPack Mobile provide support for text, graphics, handwritten input, and imaging. Federal workers in particular may appreciate the advantages of these **products** in **providing** handy field access to **global positioning** system (GPS) data. The FieldPacks feature PenStuff's GeoFirma software for laptops and pen-based systems. The packages also include a digital camera and receiver.

**COMPANY NAME: All Points Software (543489)**

**SPECIAL FEATURE: Photographs**

**DESCRIPTORS: Data Acquisition; Government; GPS; Laptops; Mobile Computing; Pen Software**

**REVISION DATE: 20030330**

**21/5/12 (Item 12 from file: 256)**

**DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.**

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**00064469 DOCUMENT TYPE: Review**

**PRODUCT NAMES: Letter Express (462012); Personal Computer Link for Letter Express (509914)**

**TITLE: PenMagic's Letter Express: An Impressive Assistant**

**AUTHOR: Staff**

**SOURCE: Pen-Based Computing, v4 n5 p6(1) Jun 1994**

**ISSN: 1054-4011**

**HOME PAGE: http://www.volksware.com/pbc**

**RECORD TYPE: Review**

**REVIEW TYPE: Review**

**GRADE: A**

Letter Express from PenMagic Software runs on Apple Computer Newton personal digital assistants (PDA) to **provide** streamlined notes, letters, memos, and e-mail. The **product** allows the user to **store** phrases, notes, and signatures as 'snippets.' Snippets can put together a note or letter faster than writing each item from scratch. An enhanced on-screen keyboard allows the user to change text size and styles, select all the text, start a bullet or paragraph, center text, and other formatting options. Online help assists the new user, and using the functions is quite simple. The user can navigate snippet-created notes, and view previously stored notes using the arrow buttons. When used with Personal Computer Link for Letter Express, Letter Express allows the user to create and manage snippets on the Mac or Microsoft Windows PC.

**COMPANY NAME: Pivotal Corp (628867)**

**SPECIAL FEATURE: Screen Layouts**

DESCRIPTORS: Apple Newton; E-Mail; Handhelds & Palmtops; Laptops; Mobile Computing; Pen Software; Word Processing  
REVISION DATE: 20030327

21/5/13 (Item 1 from file: 2)  
DIALOG(R) File 2:INSPEC  
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7466300 INSPEC Abstract Number: B2003-01-7260F-038

**Title: Taiwan's industry polishes skills in ITO glass, color filters**

Journal: Display Devices no.25 p.61-2

Publisher: Dempa Publications,

Publication Date: Fall 2001 Country of Publication: Japan

CODEN: DDEVE7 ISSN: 1340-8089

SICI: 1340-8089(200123)25L:61:TIPS;1-H

Material Identity Number: P753-2002-002

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Most Taiwanese set manufacturers, including the leading suppliers of thin-film transistor (TFT) LCDs, are accelerating local procurement of components and materials. Additionally, production of items including such display components as indium-tin-oxide (ITO) glass and color filters is rising in Taiwan. Local manufacturers perceive their products as offering a combination of excellent quality and good cost competitiveness. Taiwanese manufacturers of display-related parts, materials and components manufacturers started by signing technical transfer contracts mainly with Japanese companies. Now they are ready to supply parts, components and devices that they have cultivated through their own research and development efforts. These items work in products ranging from **notebook** computers and LCD monitors to **GPS** terminals and **portable** DVD players. These display components face promising prospects in the markets for personal digital assistants (PDAs) and mobile phones as well. The competition for technology development and cost reduction among Taiwan's ITO makers is likely to heat up.

Subfile: B

Descriptors: amorphous semiconductors; display devices; indium compounds; liquid crystal displays; optical filters; thin film transistors; tin compounds

Identifiers: ITO glass; color filters; Taiwanese set manufacturers; thin-film transistor LCD; TFT LCD; local procurement; display components; indium-tin-oxide glass; product quality; cost competitiveness; display-related materials; display-related components; technical transfer contracts; research and development; notebook computers; LCD monitors; Global Positioning System terminals; GPS terminals; portable DVD players; personal digital assistants; PDA; mobile phones; cost reduction; technology development; ITO; InSnO

Class Codes: B7260F (Display equipment and systems); B7260B (Display materials); B4190F (Optical coatings and filters); B4150D (Liquid crystal devices)

Chemical Indexing:

InSnO ss - In ss - Sn ss - O ss (Elements - 3)

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21/5/14 (Item 2 from file: 2)  
DIALOG(R) File 2:INSPEC  
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7425065 INSPEC Abstract Number: B2002-12-5210C-009

**Title: Astigmatic beam tracing for propagation modelling**

Search Performed by Sylvia Keys 19-Apr-04

Author(s): De Giampaolo, E.; Bardati, F.; Sabbadini, M.  
 Author Affiliation: Dipt. di Ingegneria Elettrica, L'Aquila Univ., Italy  
 Conference Title: 2001 European Conference on Wireless Technology  
 Conference Proceedings p.273-6  
 Publisher: Microwave Eng. Europea, London, UK  
 Publication Date: 2001 Country of Publication: UK 318 pp.  
 ISBN: 0 86213 163 4 Material Identity Number: XX-2001-01676  
 Conference Title: Proceedings of 2001 European Conference on Wireless  
 Technology  
 Conference Date: 27-28 Sept. 2001 Conference Location: London, UK  
 Language: English Document Type: Conference Paper (PA)  
 Treatment: Theoretical (T)  
 Abstract: The determination of ray paths from source to observation  
 region is an **important item** in **wireless** network planning. Astigmatic  
**beam** tracing (ABT), a novel technique formerly developed for aerospace  
 computations, ensures continuous scenario coverage by resorting to the  
 astigmatic beam scheme overcoming some drawbacks of ordinary ray tracing.  
 In this paper ABT is extended for application to the electromagnetic  
 analysis of urban scenarios and improved to solve for multiple-order  
 interactions with obstacles. (9 Refs)  
 Subfile: B  
 Descriptors: electromagnetic wave diffraction; radio networks; radiowave  
 propagation; ray tracing; telecommunication network planning  
 Identifiers: propagation modelling; ray paths; observation region; source  
 region; wireless network planning; astigmatic beam tracing; aerospace  
 computations; ray tracing; electromagnetic analysis; urban scenarios;  
 multiple-order interactions; obstacles; wireless communication networks  
 Class Codes: B5210C (Radiowave propagation); B6150P (Communication  
 network design, planning and routing); B6250 (Radio links and equipment)  
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21/5/15 (Item 3 from file: 2)  
 DIALOG(R) File 2:INSPEC  
 (c) 2004 Institution of Electrical Engineers. All rts. reserv.  
 7233424 INSPEC Abstract Number: B2002-05-6150E-009, C2002-05-5260-026  
**Title: Signal processing for multiuser wireless systems on reconfigurable  
 platforms**  
 Author(s): Thomas, J.  
 Author Affiliation: Inst. for Syst. Res., College Park, MD, USA  
 Journal: Proceedings of the SPIE - The International Society for Optical  
 Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)  
 vol.4525 p.161-72  
 Publisher: SPIE-Int. Soc. Opt. Eng.  
 Publication Date: 2001 Country of Publication: USA  
 CODEN: PSISDG ISSN: 0277-786X  
 SICI: 0277-786X(2001)4525L:161:SPMW;1-R  
 Material Identity Number: C574-2001-335  
 U.S. Copyright Clearance Center Code: 0277-786X/01/\$15.00  
 Conference Title: Reconfigurable Technology: FPGAs and Reconfigurable  
 Processors for Computing and Communications III  
 Conference Sponsor: SPIE  
 Conference Date: 21-22 Aug. 2001 Conference Location: Denver, CO, USA  
 Language: English Document Type: Conference Paper (PA); Journal Paper  
 (JP)  
 Treatment: Theoretical (T)  
 Abstract: Iterative multiuser decoding (IMD) is a suboptimal reception  
 technique that yields near-optimal performance via the iterative exchange  
 of soft information between a (multiuser) demodulator and a bank of  
 single-user soft decoders to their mutual benefit. From a practical



perspective, using the minimum mean square error (MMSE) multiuser interference suppressor for demodulation yields good performance and near-far resistance over a wide range of received signal powers, in both additive white Gaussian noise and dispersive fading channels. The computational issues and system tradeoffs, involved in realizing MMSE-IMD receivers on reconfigurable platforms, at base stations in the multicell code-division multiple access (CDMA) uplink, are considered in this paper. In particular, an approximation is proposed, to reduce the complexity of the most computationally intensive task in the receiver, viz., the inversion of a matrix of dimensions proportional to the **product** of the spreading factor and the **receiver sensor** -count; this approximation is observed to degrade system performance only marginally. A suitable partitioning of the receiver's computational tasks between software- and hardware-configurable platforms is also proposed. This is followed by a study of the performance-complexity tradeoffs among various system design options (such as the iteration-count, receiver sensor-count, and choice of soft decoding algorithm) in such rapidly configurable environments, and their impact on system capacity. It is inferred that actual realizations of the MMSE-IMD can indeed provide vast performance gains over existing suboptimal receivers. (31 Refs)

Subfile: B C

Descriptors: code division multiple access; computational complexity; least mean squares methods; multiuser channels; reconfigurable architectures

Identifiers: iterative multiuser decoding; multisensor receivers; MMSE; multiuser interference suppression; reconfigurable architectures; multicell networks; CDMA; code-division multiple access

Class Codes: B6150E (Multiple access communication); C5260 (Digital signal processing); C5220 (Computer architecture); C4240C (Computational complexity)

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21/5/16 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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6970406 INSPEC Abstract Number: B2001-08-6210L-101, C2001-08-5620-021

**Title: An overview on harmonization of broadband wireless standards**

Author(s): Rao, Y.S.; Roy, M.N.

Author Affiliation: QUALCOMM Inc., San Diego, CA, USA

Conference Title: 2000 IEEE International Conference on Personal Wireless Communications. Conference Proceedings (Cat. No.00TH8488) p.178-83

Publisher: IEEE, Piscataway, NJ, USA

Publication Date: 2000 Country of Publication: USA xv+584 pp.

ISBN: 0 7803 5893 7 Material Identity Number: XX-2000-02773

U.S. Copyright Clearance Center Code: 0 7803 5893 7/2000/\$10.00

Conference Title: Proceedings of IEEE International Conference on Personal Wireless Communications (ICPWC)

Conference Sponsor: IEEE Inf. Theory Soc.; Univ. Victoria; Ministr. Inf. Technol.; Govern. India; IEEE AES/COM/LEOS India Council Chapter; IEEE Hyderabad Sect

Conference Date: 17-20 Dec. 2000 Conference Location: Hyderabad, India

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: This paper discusses different broadband wireless standards (LAN, WAN) currently under progress while mentioning key differences on physical (PHY) and data link control (DLC) layers. Harmonized global standards for all broadband wireless systems, from 2 GHz to 50 GHz would be a daunting task considering that organizations dealing with standards from the USA, Europe and Japan would have differing perceptions. Harmonization

at the least would allow "coexistence" and at a maximum "interoperability". While strong differences of technical opinions persist over physical interfaces and data-link layers, there could be some limited goals of achieving a harmonized infrastructure between wireless LAN and new broadband networks with a common cellular-like infrastructure. Mobility in broadband access is another discussion item. Wide-area networks show the strongest signs of convergence, though some differences are yet to be ironed out. Among local area networks, separate USA and European wireless standards exist today and may even be too late to be harmonized. However, a new class of "personal area networks" still in evolution stages may offer the best possibilities of coexistence and interoperability. Bluetooth is an example in that direction. (15 Refs)

Subfile: B C

Descriptors: broadband networks; cellular radio; open systems; packet radio networks; standardisation; telecommunication standards; wide area networks; wireless LAN

Identifiers: broadband wireless standards; standardisation; WAN; physical layer; data link control layer; wireless LAN; broadband networks; cellular-like infrastructure; wide area networks; local area networks; personal area networks; Bluetooth; interoperability

Class Codes: B6210L (Computer communications); B6250 (Radio links and equipment); C5620 (Computer networks and techniques)

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21/5/17 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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6876229 INSPEC Abstract Number: C2001-05-7180-004

**Title: Personalization of supermarket product recommendations**

Author(s): Lawrence, R.D.; Almasi, G.S.; Kotlyar, V.; Viveros, M.S.; Duri, S.S.

Author Affiliation: IBM Thomas J. Watson Res. Center, Yorktown Heights, NY, USA

Journal: Data Mining and Knowledge Discovery vol.5, no.1-2 p.11-32

Publisher: Kluwer Academic Publishers,

Publication Date: 2001 Country of Publication: Netherlands

CODEN: DMKDFD ISSN: 1384-5810

SICI: 1384-5810(2001)5:1/2L.11:PSPR;1-Y

Material Identity Number: G116-2001-001

U.S. Copyright Clearance Center Code: 1384-5810/2000/\$19.50

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Describes a personalized recommender system that has been designed to suggest new products to supermarket shoppers. The recommender functions in a pervasive computing environment, namely a remote shopping system in which supermarket customers use **personal digital assistants** (PDAs) to compose and **transmit** their **orders** to the store, which assembles them for subsequent pickup. The recommender is meant to provide an alternative source of new ideas for customers who now visit the store less frequently. Recommendations are generated by matching products to customers based on the expected appeal of the product and the previous spending of the customer. Association mining in the product domain is used to determine relationships among product classes for use in characterizing the appeal of individual products. Clustering in the customer domain is used to identify groups of shoppers with similar spending histories. Cluster-specific lists of popular products are then used as input to the matching process. The recommender is currently being used in a pilot program with several hundred customers. Analysis of the results to date have shown a 1.8% boost in program revenue as a result of purchases made

directly from the list of recommended products. A substantial fraction of the accepted recommendations are from product classes new to the customer, indicating a degree of willingness to expand beyond present purchase patterns in response to reasonable suggestions. (21 Refs)

Subfile: C

Descriptors: data mining; home shopping; microcomputer applications; notebook computers; pattern clustering; user modelling

Identifiers: supermarket product recommendations; personalized recommender system; new product suggestions; supermarket shoppers; pervasive computing environment; remote shopping system; personal digital assistants; order composition; order transmission; product-customer matching; product appeal; previous customer spending; association mining; product class relationships; customer domain clustering; shopper spending histories; cluster-specific product lists; pilot program; revenue; purchase patterns; collaborative filtering

Class Codes: C7180 (Retailing and distribution computing); C7830 (Home computing); C6170K (Knowledge engineering techniques); C6180 (User interfaces)

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21/5/18 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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6604196 INSPEC Abstract Number: C2000-07-7120-005

**Title: Pocket BargainFinder: a handheld device for augmented commerce**

Author(s): Brody, A.B.; Gottsman, E.J.

Author Affiliation: Center for Strategic Technol. Res., Andersen Consulting, Northbrook, IL, USA

Conference Title: Handheld and Ubiquitous Computing. First International Symposium, HUC'99. Proceedings (Lecture Notes in Computer Science Vol.1707) p.44-51

Editor(s): Gellersen, H.-W.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1999 Country of Publication: Germany xii+390 pp.

ISBN: 3 540 66550 1 Material Identity Number: XX-1999-02668

Conference Title: Proceedings of HUC99: International Symposium on Handheld and Ubiquitous Computing 1999

Conference Date: 27-29 Sept. 1999 Conference Location: Karlsruhe, Germany

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); General, Review (G)

Abstract: The Internet has engendered a new type of commerce, commonly referred to as electronic commerce, or E-commerce. But despite the phenomenal growth of E-commerce, the vast majority of transactions still take place within the realm of traditional, physical commerce. Pocket BargainFinder is a handheld device that seeks to bridge the gap between electronic and traditional commerce. It represents one of the earliest examples of a new breed of commerce we call augmented commerce. With Pocket BargainFinder, a consumer can shop in a physical retail store, find an item of interest, scan in its barcode, and search for a lower price among a set of online retailers. The device allows customers to physically inspect products while simultaneously comparison shopping online (where prices are often lower). As such, Pocket BargainFinder is an example of a disruptive technology that may well transform the nature of both electronic and physical commerce. With consumers able to find the best price regardless of where they shop, the physical retailer is left at a distinct disadvantage. (12 Refs)

Subfile: C

Descriptors: electronic commerce; Internet; mobile computing; portable

computers

Identifiers: Pocket BargainFinder; handheld device; augmented commerce;  
Internet; electronic commerce; E-commerce; online retailers

Class Codes: C7120 (Financial computing); C5430 (Microcomputers);  
C7210N (Information networks)

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21/5/19 (Item 7 from file: 2)

DIALOG(R) File 2:INSPEC

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6435202 INSPEC Abstract Number: C2000-01-6130V-034

**Title: Information in places**

Author(s): Spohrer, J.C.

Author Affiliation: IBM Almaden Res. Center, San Jose, CA, USA

Journal: IBM Systems Journal vol.38, no.4 p.602-28

Publisher: IBM,

Publication Date: 1999 Country of Publication: USA

CODEN: IBMSA7 ISSN: 0018-8670

SICI: 0018-8670(1999)38:4L.602:IP;1-L

Material Identity Number: I103-1999-004

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** As **global positioning**, **wireless** communication, and **mobile display** technologies continue to advance, our notion of place will change. Information objects-first geocoded signs and later animated special effects-will begin to populate real physical space on what we call WorldBoard channels. WorldBoard is a proposed global infrastructure to associate information with places and ultimately to provide people with enhanced information perception services. This paper explores the notion of a WorldBoard from four perspectives: historical background, technical feasibility, potential applications, and social implications. Recent developments, ranging from lower-cost Global Positioning System (GPS)-enabled car navigation systems to Casio Electronics' first-of-a-kind GPS-enabled wristwatch, foreshadow increased availability of location-aware information services and products. While significant technical, application development, and social challenges remain before a complete WorldBoard infrastructure can be made broadly, uniformly, and cost-effectively available, some feasible first steps toward this important goal are recommended. Finally, a notion like WorldBoard offers an opportunity to reflect on how technological possibilities unfold. (126 Refs)

Subfile: C

Descriptors: augmented reality; Global Positioning System; social aspects of automation

Identifiers: global positioning; wireless communication; mobile display; information objects; WorldBoard channels; global infrastructure; enhanced information perception services; historical background; technical feasibility; social implications; GPS-enabled car navigation systems; Casio Electronics GPS-enabled wristwatch; location-aware information services

Class Codes: C6130V (Virtual reality); C5540B (Interactive-input devices); C0230 (Economic, social and political aspects of computing)

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21/5/20 (Item 8 from file: 2)

DIALOG(R) File 2:INSPEC

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5754026 INSPEC Abstract Number: A9724-2846C-005, C9712-7470-102

**Title: Authenticated tracking and monitoring system (ATMS) tracking**

**shipments from an Australian uranium mine**

Author(s): Schoeneman, J.L.; Sorokowski, D.

Author Affiliation: Sandia Nat. Labs., Albuquerque, NM, USA

Conference Title: Proceedings IEEE 31st Annual 1997 International  
Carnahan Conference on Security Technology (Cat. No.97CH36062) p.231-40

Editor(s): Sanson, L.D.

Publisher: IEEE, New York, NY, USA

Publication Date: 1997 Country of Publication: USA 240 pp.

ISBN: 0 7803 3913 4 Material Identity Number: XX97-02673

U.S. Copyright Clearance Center Code: 0 7803 3913 4/97/\$4.00

Conference Title: Proceedings IEEE 31st Annual 1997 International  
Carnahan Conference on Security Technology

Conference Sponsor: IEEE Lexington Sect.; IEEE Aerosp. & Electron. Syst.  
Soc.; Chung Shan Inst. Sci. & Technol., Taiwan; Nat. Chiao-Tung Univ.  
Taiwan

Conference Date: 15-17 Oct. 1997 Conference Location: Canberra, ACT,  
Australia

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The Authenticated Tracking and Monitoring System (ATMS) answers the need for global monitoring of the status and location of sensitive items on a worldwide basis, 24 hours a day. The ATMS concept uses **wireless sensor** packs to monitor the status of the items and environmental conditions, to collect a variety of sensor event data, and to transmit the data through the INMARSAT satellite communication system, which then sends the data to appropriate ground stations for tracking and monitoring. Authentication and encryption algorithms are used throughout the system to secure the data during communication activities. A typical ATMS application would be to track and monitor the safety and security of a number of items in transit along a scheduled shipping route. The resulting tracking, timing, and status information could then be processed to ensure compliance with various agreements. Following discussions between the Australian Safeguards Office (ASO), the U.S. Department of Energy (DOE), and Sandia National Laboratories (SNL) in early 1995, the parties mutually decided to conduct and evaluate a field trial prototype ATMS to track and monitor shipments of uranium ore concentrate (UOC) from a currently operating uranium mine in Australia to a final destination in Europe. This trial is in the process of being conducted on a worldwide basis with tracking and monitoring stations located at sites in both Australia and the U.S. This paper describes the trial. (0 Refs)

Subfile: A C

Descriptors: computerised monitoring; nuclear engineering computing;  
nuclear materials safeguards; radio applications; telemetry; tracking;  
uranium

Identifiers: authenticated tracking and monitoring system; Australian  
uranium mine; global monitoring; **wireless sensor** packs; INMARSAT  
satellite communication system; authentication; encryption algorithms;  
field trial prototype; uranium ore concentrate; U

Class Codes: A2846C (Nuclear safeguards); C7470 (Nuclear engineering  
computing); C7410H (Computerised instrumentation)

Chemical Indexing:

U el (Elements - 1)

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21/5/21 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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5323393 INSPEC Abstract Number: B9608-6250G-056

Title: A 12 mA triple-conversion receiver for GPS

Author(s): Piazza, F.; Qiuting Huang  
 Author Affiliation: Integrated Syst. Lab., Swiss Federal Inst. of Technol., Zurich, Switzerland  
 Conference Title: 1996 IEEE International Solid-State Circuits Conference. Digest of Technical Papers, ISSCC. First Edition (Cat. No.96CH35889) p.286-7, 459  
 Editor(s): Wuorinen, J.H.  
 Publisher: IEEE, New York, NY, USA  
 Publication Date: 1996 Country of Publication: USA 512 pp.  
 ISBN: 0 7803 3136 2 Material Identity Number: XX96-01051  
 U.S. Copyright Clearance Center Code: 0 7803 3136 2/96/\$5.00  
 Conference Title: 1996 IEEE International Solid-State Circuits Conference. Digest of TEchnical Papers, ISSCC  
 Conference Date: 8-10 Feb. 1996 Conference Location: San Francisco, CA, USA  
 Language: English Document Type: Conference Paper (PA)  
 Treatment: Practical (P)  
 Abstract: The circuits reported here form a complete GPS receiver for the civilian L1 band. Triple-conversion architecture minimizes the number of components working at the highest frequency and thus power consumption, while the integration of the 2nd IF filter reduces the complexity of the receiver to a level comparable to that of a single superhet. The immediate application of such an integrated receiver is to **provide GPS** time reference for small, **portable** (wearable) consumer **products**. Low power consumption is a primary requirement. The power supply is 2.4 V to 3.5 V from a lithium battery. (4 Refs)  
 Subfile: B  
 Descriptors: frequency convertors; Global Positioning System; radio receivers; superheterodyne receivers  
 Identifiers: superhet; GPS receiver; civilian L1 band; triple-conversion architecture; power consumption; IF filter; integrated circuits; time reference; portable consumer products; 12 mA; 2.4 to 3.5 V  
 Class Codes: B6250G (Satellite relay systems); B6330 (Radionavigation and direction finding); B1290B (Convertors)  
 Numerical Indexing: current 1.2E-02 A; voltage 2.4E+00 to 3.5E+00 V  
 Copyright 1996, IEE

21/5/22 (Item 10 from file: 2)  
 DIALOG(R)File 2:INSPEC  
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5288528 INSPEC Abstract Number: B9607-6450D-001  
**Title: Multilevel ASICs boost audio recording applications**  
 Author(s): Brennan, J.  
 Author Affiliation: ISD Inc., San Jose, CA, USA  
 Journal: IEEE Circuits and Devices Magazine vol.12, no.3 p.18-21  
 Publisher: IEEE,  
 Publication Date: May 1996 Country of Publication: USA  
 CODEN: ICDMEN ISSN: 8755-3996  
 SIC1: 8755-3996(199605)12:3L18:MABA;1-B  
 Material Identity Number: I736-96003  
 U.S. Copyright Clearance Center Code: 8755-3996/96/\$5.00  
 Language: English Document Type: Journal Paper (JP)  
 Treatment: Applications (A); Practical (P)  
 Abstract: When integrating solid-state audio record and playback functionality into products, today's designers often resort to digital signal processors (DSPs). While DSP-based solutions provide one approach for compressing and storing audio information, they are typically too costly and consume too much space and power for most portable voice applications. This article describes an alternative approach to audio

record and playback: using a fully integrated mixed-signal circuit with multilevel storage technology. For brevity, we refer to this type of device as a multilevel storage ASIC. This article explains a few of the pros and cons of designing with both the DSP-based and multilevel storage ASIC approaches. It also addresses how developers of cellular and cordless phones, voice pagers, tapeless pocket recorders, and many other **products** can effectively **store** and **retrieve** audio information without compromising sound quality, power consumption, or printed circuit board real estate. (4 Refs)

Subfile: B

Descriptors: audio equipment; audio recording; mixed analogue-digital integrated circuits; sound reproduction

Identifiers: multilevel ASICs; audio recording applications; portable voice applications; audio playback; mixed-signal circuit; multilevel storage technology; audio information; sound quality; power consumption

Class Codes: B6450D (Audio recording media and techniques); B1280 (Mixed analogue-digital circuits)

Copyright 1996, IEE

21/5/23 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

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5124723 INSPEC Abstract Number: C9601-7165-048

**Title: Moving AM/FM to the field: technology, trends, and success stories**

Author(s): Elliott, B.

Author Affiliation: ROLTA Int. Inc., Huntsville, AL, USA

Conference Title: Proceedings AM/FM International Annual Conference XVII  
p.846-57

Publisher: AM/FM Int, Aurora, CO, USA

Publication Date: 1994 Country of Publication: USA viii+872 pp.

Conference Title: Proceedings of AM/FM International Conference

Conference Date: 14-17 March 1994 Conference Location: Denver, CO, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: New developments in **notebook** computing, **GPS** receivers, and **wireless** communications are helping to bring AM/FM/GIS databases to the field in ways never before imagined. An evolving set of technologies are coming together to provide an environment of Field GIS. New implementations are expanding AM/FM/GIS databases and functionality beyond traditional records management roles and into such operational areas as property inspection, design and construction, maintenance, customer service, and emergency response. More and more, the value and benefits of AM/FM databases are being justified in the field as the baseline technology for real time, operational applications. The paper discusses several key technology trends, provides an overview of a potpourri of new products coming onto the market, and highlights some unique customer applications that are under way to bring AM/FM/GIS databases to the field in a utility enterprise setting. (0 Refs)

Subfile: C

Descriptors: geographic information systems; public utilities; real-time systems; records management; visual databases

Identifiers: notebook computing; GPS receivers; wireless communications; AM/FM/GIS databases; Field GIS; records management; property inspection; customer service; emergency response; AM/FM databases; technology trends; customer applications; utility enterprise setting

Class Codes: C7165 (Public utility administration); C6160S (Spatial and pictorial databases); C7840 (Geography and cartography computing); C7104 (Office automation)

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21/5/24 (Item 12 from file: 2)  
DIALOG(R)File 2:INSPEC  
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4762309 INSPEC Abstract Number: B9410-7230-062

**Title: Semiconductor elements serve detection functions in magnetic rotary sensors**

Author(s): Honda, S.

Journal: JEE (Journal of Electronic Engineering) vol.31, no.332 p. 48-50

Publication Date: Aug. 1994 Country of Publication: Japan

CODEN: JEENDL ISSN: 0385-4507

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

**Abstract:** Electronic appliances and automobiles use many different kinds of sensors. The wide variety of available sensors has facilitated the adoption of automatic systems including factory, office, and home automation. In automatic equipment, sensors providing functions similar to the five human senses serve indispensably as the input gates for information. Users today demand increasingly sophisticated functions and improved performance characteristics, including excellent sensing accuracy from these **input** gates. Among the **products** attracting attention are rotary **sensors** with semiconductor magneto-resistive elements for the detecting devices. The author discusses the technology trends in such sensors and their uses. (0 Refs)

Subfile: B

Descriptors: angular velocity measurement; displacement measurement; electric sensing devices; magnetoresistive devices; position measurement

Identifiers: detection functions; magnetic rotary sensors; semiconductor magnetoresistive elements

Class Codes: B7230 (Sensing devices and transducers); B7320E (Velocity, acceleration and rotation); B7320C (Spatial variables); B3120J (Magneto-acoustic, magnetoresistive, magnetostrictive and magnetostatic wave devices)

21/5/25 (Item 13 from file: 2)  
DIALOG(R)File 2:INSPEC  
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04096152 INSPEC Abstract Number: B9204-7260-010

**Title: Active matrix liquid crystal displays. I. Manufacturing process**

Author(s): O'Mara, W.C.

Author Affiliation: O'Mara & Assoc., Palo Alto, CA, USA

Journal: Solid State Technology vol.34, no.12 p.65-70

Publication Date: Dec. 1991 Country of Publication: USA

CODEN: SSTEAP ISSN: 0038-111X

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** Large **area** flat panel **displays** are currently being manufactured for computers and consumer **products**. The most advanced of these **displays** are built using liquid crystals switched by individual thin film Si transistors behind each picture element. Up to a million transistors may populate a 10 in. diagonal display. Displays such as these are in pilot production in Japan and may soon constitute an industry whose size parallels IC production. This article describes the complex manufacturing process for thin film transistor liquid crystal displays and discusses materials and equipment requirements for display manufacturing.



(6 Refs)

Subfile: B

Descriptors: electronic equipment manufacture; flat panel displays;  
liquid crystal displays; thin film transistors

Identifiers: TFT; flat panel displays; liquid crystals; picture element;  
manufacturing process; thin film transistor; display manufacturing

Class Codes: B7260 (Display technology and systems); B4150D (Liquid  
crystal devices)

21/5/26 (Item 14 from file: 2)

DIALOG(R)File 2:INSPEC

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03916551 INSPEC Abstract Number: B91043677

**Title: Electronic conducting polymers: new results on low, medium and high  
technology applications**

Author(s): Genies, E.M.

Author Affiliation: Dept. de Recherche Fondamentale, CEN, Grenoble,  
France

Conference Title: Science and Applications of Conducting Polymers. Papers  
from the 6th European Physical Society Industrial Workshop p.93-104

Editor(s): Salaneck, W.R.; Clark, D.T.; Samuelsen, E.J.

Publisher: Adam Hilger, Bristol, UK

Publication Date: 1991 Country of Publication: UK viii+185 pp.

ISBN: 0 7503 0049 3

Conference Sponsor: Eur. Phys. Soc

Conference Date: 28-31 May 1990 Conference Location: Lofthus, Norway

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); General, Review (G)

Abstract: A review of some selected papers which are used to discuss of  
the problems concerning the studies of electronic conducting polymers on  
low, medium and high technology applications. What the authors calls low  
technology is typically concerned with products which can be made in form  
of a blend of electronic conducting polymers with conventional polymers for  
applications which need a large quantity of material such as for ESD and  
EMI shielding. With medium technologies, there will be specially some  
applications which need specific counter ions, as for membranes. High  
technology is concerned with **products** which need a complex processing,  
such as batteries, **displays**, smart windows, **sensors**, **electronic  
components**, etc. (69 Refs)

Subfile: B

Descriptors: conducting polymers

Identifiers: electronic conducting polymers; ESD; EMI shielding; specific  
counter ions; membranes; complex processing; batteries; displays; smart  
windows; sensors; electronic components

Class Codes: B0560 (Polymers and plastics)

21/5/27 (Item 15 from file: 2)

DIALOG(R)File 2:INSPEC

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03742439 INSPEC Abstract Number: B90072126, C90066694

**Title: Collins Next Generation Digital GPS Receiver**

Author(s): Frank, G.B.; Yakos, M.D.

Conference Title: IEEE PLANS '90: Position Location and Navigation  
Symposium Record. 'The 1990's - A Decade of Excellence in the Navigation  
Sciences' (Cat. No.90CH2811-8) p.286-92

Publisher: IEEE, New York, NY, USA

Publication Date: 1990 Country of Publication: USA xii+655 pp.

U.S. Copyright Clearance Center Code: CH2811-8/90/0000-0286\$01.00

Conference Sponsor: IEEE

Conference Date: 20-23 March 1990      Conference Location: Las Vegas, NV, USA

Language: English      Document Type: Conference Paper (PA)

Treatment: Practical (P)

**Abstract:** The architecture and technology features of the Collins next generation (NGR) digital GPS (Global Positioning System) receiver are described. The objective of this project was to develop an advanced GPS receiver chipset with high antijam capabilities. This program, initiated in 1985, has provided the technology for miniature receiver products for both unmanned and manned vehicle applications. A two-channel version of the receiver is in full-scale development for tactile missile applications. A five-channel version is in test and evaluation as a drop-in replacement for RCVR-3A, the US Department of Defense standard high dynamic receiver. The NGR design started with the digital signal processing architecture developed for the Defense Advanced Research Project Agency (DARPA) **handheld GPS** receiver. Enhancements were made to improve the antijam and signal acquisition performance. Producing, qualifiable, and cost-effective silicon monolithic microwave integrated circuits (MMICs) and semicustom digital technologies were used to develop the core GPS chipset. A system design approach was established to permit reuse of mature and validated GPS software. (2 Refs)

Subfile: B C

**Descriptors:** computer architecture; computerised navigation; digital signal processing chips; electronic countermeasures; military equipment; MMIC; radio receivers; radionavigation; satellite relay systems

**Identifiers:** unmanned vehicle; ASIC; airborne receiver; Digital GPS Receiver; architecture; Collins; antijam; miniature receiver; manned vehicle; two-channel version; tactile missile; five-channel version; US Department of Defense; digital signal processing architecture; Defense Advanced Research Project Agency; monolithic microwave integrated circuits; semicustom digital technologies; GPS chipset; Si

**Class Codes:** B6330 (Radionavigation and direction finding); B1265F (Microprocessors and microcomputers); B7970 (Electronic warfare); B2570 (Semiconductor integrated circuits); B6250G (Satellite relay systems); B7630 (Avionic systems and instrumentation); B7950 (Radar and tracking systems); C7460 (Aerospace engineering); C5130 (Microprocessor chips); C5260 (Digital signal processing); C7150 (Military); C7410F (Communications)

**Chemical Indexing:**

Si int - Si el (Elements - 1)

**21/5/28      (Item 16 from file: 2)**

DIALOG(R) File 2:INSPEC

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03713514      INSPEC Abstract Number: B90063113

**Title: Next generation digital GPS receiver**

Author(s): Frank, G.B.; Yakos, M.D.

Author Affiliation: Rockwell Int., Cedar Rapids, IA, USA

Journal: IEEE Aerospace and Electronics Systems Magazine      vol.5, no.7  
p.10-15

Publication Date: July 1990      Country of Publication: USA

CODEN: IESMEA      ISSN: 0885-8985

U.S. Copyright Clearance Center Code: 0885-8985/90/0700-0010\$01.00

Language: English      Document Type: Journal Paper (JP)

Treatment: Practical (P)

**Abstract:** The architecture and technology features of the next-generation (NGR) digital GPS (Global Positioning System) receiver manufactured by Collin are described. The project's objective was to develop an advanced

GPS receiver chipset with high antijam capabilities. The program, initiated in 1985, has provided the technology for miniature receiver products for both unmanned and manned vehicle applications. A two-channel version of the receiver is in full-scale development for tactical missile applications. A five-channel version is being tested and evaluated as a drop-in replacement for RCVR-3A, the US Department of Defense standard high dynamic receiver. The NGR design started with the digital signal processing architecture developed for the Defense Advanced Research Project Agency (DARPA) **hand-held GPS** receiver. Enhancements were made to improve the antijam and signal acquisition performance. Producable, qualifiable and cost-effective silicon monolithic microwave integrated circuits and semicustom digital technologies were used to develop the core GPS chipset. A system design approach was established to permit reuse of mature and validated GPS software. (2 Refs)

Subfile: B

Descriptors: digital signal processing chips; electronic countermeasures; military equipment; MMIC; radio receivers; radionavigation; satellite relay systems; signal processing equipment

Identifiers: monolithic microwave IC; two-channel receiver; ECM; five-channel receiver; radionavigation; hand-held receiver; digital GPS receiver; Global Positioning System; Collin; antijam capabilities; miniature receiver; tactical missile applications; US Department of Defense; digital signal processing architecture; Defense Advanced Research Project Agency; DARPA; signal acquisition; semicustom digital technologies; Si

Class Codes: B5230 (Electromagnetic compatibility and interference); B7970 (Electronic warfare); B6330 (Radionavigation and direction finding); B1350F (Solid-state circuits and devices); B2570 (Semiconductor integrated circuits); B1265F (Microprocessors and microcomputers); B7930 (Military communications); B6250G (Satellite relay systems); B7910 (Military circuits, components, and equipment)

Chemical Indexing:

Si int - Si el (Elements - 1)

21/5/29 (Item 17 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03496930 INSPEC Abstract Number: A89133103

**Title: Testing of a low-cost item monitoring system (nuclear safeguards)**

Author(s): Frank, D.J.; Cunningham, K.R.; Hoover, C.E.; Trujillo, A.A.

Author Affiliation: Rockwell Int., Golden, CO, USA

Conference Title: INMM 29th Annual Meeting Proceedings, Nuclear Materials Management p.809-14

Publisher: INMM, Northbrook, IL, USA

Publication Date: 1988 Country of Publication: USA 959 pp.

Conference Date: 26-29 June 1988 Conference Location: Las Vegas, NV, USA

USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Material control is an important element of any security system which seeks to address the insider threat. Sandia has developed Wireless Alarm Transmission of Container Handling (WATCH) which is a remote **sensor** system that **provides** a low-cost, convenient way of monitoring **item** movement. Rockwell International/Rocky Flats Plant (RFP) and Sandia have conducted a long-term evaluation of the WATCH system in an operating production facility. Testing was conducted in a large scale, remote access storage vault for special nuclear materials. A total of fourteen WATCH units were placed on storage containers in the vault. A schedule was established which provided prearranged movement of monitored containers on a regular basis. The test objectives were to determine (1) the feasibility

of using the WATCH system technology to implement material control concepts, (2) the system performance in an active production area, and high radiation environment, (3) the sensitivity settings required for optimum system performance, and (4) the spatial resolution of the transmitter/receiver utilized. (0 Refs)

Subfile: A

Descriptors: nuclear materials safeguards

Identifiers: nuclear safeguards; low-cost item monitoring system; security system; Wireless Alarm Transmission of Container Handling; remote sensor system; WATCH system; special nuclear materials; monitored containers; material control concepts

Class Codes: A2846 (Nuclear materials safeguards)

**21/5/30 (Item 18 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03402098 INSPEC Abstract Number: D89001720

**Title: Systems give Pepperidge Farm freshness**

Author(s): Shea, R.; Parrish, D.

Journal: InformationWEEK no.212 p.29-31

Publication Date: 20 March 1989 Country of Publication: USA

CODEN: INFWE4 ISSN: 8750-6874

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A)

Abstract: Pepperidge Farm is the largest premium baker under one brand name in the United States. The company wanted to halve the time between orders and deliveries using information technology. The move to computerisation involved doing away with the cumbersome, oversized tickets used to place orders through the mail, and equip their 2500 independent distributors with handheld Fujitsu computers. While some distributors still use the tickets, 900 others have made the switch to handheld computers. Pepperidge Farm charges them \$18 a week for joining the information age. The **handhelds** allow distributors to **place orders** for bread and biscuits and to keep track of the inventory in their trucks. The whole process takes five minutes, and in less than 18 hours, the distributor receives the product. (0 Refs)

Subfile: D

Descriptors: distributive data processing

Identifiers: Pepperidge Farm; baker; information technology; computerisation; handheld Fujitsu computers; distributors

Class Codes: D2140 (Marketing, retailing and distribution); D2010 (Business and professional)

**21/5/31 (Item 19 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03158257 INSPEC Abstract Number: A88072770, B88041993, C88034167

**Title: WATCH-a low-cost, secure-item monitoring system**

Author(s): Sanderson, S.N.

Author Affiliation: Sandia Nat. Labs., Albuquerque, NM, USA

Conference Title: INMM 28th Annual Meeting 'Safeguards - A Mature Technology?' p.310-15

Publisher: Inst. Nucl. Mater. Manage, Northbrook, IL, USA

Publication Date: 1987 Country of Publication: USA 776 pp.

Conference Date: 12-15 July 1987 Conference Location: Newport Beach, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Sandia National Laboratories has developed a remote sensor package that provides a low-cost, convenient way of monitoring item movement. Originally, the package was intended for use in valve monitoring, but it is now possible to use it in any sensor application where hardwire installation is impractical or uneconomical. Full system implementation includes a receiver/controller which correlates the arrival time of RF signals generated the arrival time of RF signals generated by item-monitoring transmitters to increase communication security. Wireless Alarm Transmission of Container Handling (WATCH) is such a system. One important application of WATCH is in storage vaults where there are a number of material containers. Applying WATCH to inventory control reduces inventory workload and employee exposure rates; the system also provides quick access to inventory information by interfacing the system with plant site computer systems. (0 Refs)

Subfile: A B C

Descriptors: alarm systems; computerised instrumentation; computerised monitoring; nuclear engineering computing; nuclear materials safeguards; stock control; telemetering

Identifiers: item monitoring systems; remote sensor package; Wireless Alarm Transmission of Container Handling; WATCH; inventory control

Class Codes: A2846 (Nuclear materials safeguards); B7210B (Automatic test and measurement systems); B7210F (Telemetering systems); C3370L (Remote signalling, dispatching and safety devices); C7420 (Control engineering); C7470 (Nuclear engineering)

21/5/32 (Item 20 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03149812 INSPEC Abstract Number: B88041635, C88033834

Title: Paperless communications in warehouses and transport

Journal: Elektrische Energie-Technik vol.33, no.1 p.28-30

Publication Date: Feb.-March 1988 Country of Publication: West Germany

CODEN: EETEDE ISSN: 0170-2033

Language: German Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Describes a system of communicating with mobile picking vehicles and multi-level fork lift trucks in warehouses, from a central computer, by displaying the required item numbers, locations and quantities on small displays which may be vehicle mounted or operator hand held. The communication is achieved by infra-red links via a pl-NET interface. Major gains of efficiency are reported. Bit rate is 9600 bit/sec and the optical range is 100 meters. Quick response to changes of requirements, and to alteration of storage locations is claimed. (0 Refs)

Subfile: B C

Descriptors: optical communication; optical links; warehouse automation

Identifiers: warehouses; mobile picking vehicles; multi-level fork lift trucks; infra-red links; pl-NET interface

Class Codes: B6260 (Optical links and equipment); C3320 (Materials handling); C7180 (Retailing and distribution)

21/5/33 (Item 21 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02046479 INSPEC Abstract Number: C83021060

Title: Apple's Lisa eyes office environment

Author(s): Blackwell, R.

Journal: Canadian Datasystems vol.15, no.2 p.53  
Publication Date: Feb. 1983 Country of Publication: Canada  
CODEN: CNDSAE ISSN: 0008-3364  
Language: English Document Type: Journal Paper (JP)  
Treatment: General, Review (G)

Abstract: The Lisa personal computer system from Apple is designed specifically for office environments and includes six application packages in the \$14000 (Cdn.) purchase price. The six packages cover the office functions of business graphics, word processing, graphics design, spreadsheet analysis, project management and personal filing. This software allows people to work in a natural way, without computer conventions or special languages. The screen displays pictures of items that would be found on a standard office desk, such as files, documents and folders. A palm-sized 'mouse' is used to point to these items and perform the required tasks. (0 Refs)

Subfile: C

Descriptors: administrative data processing; microcomputers; personal computing

Identifiers: Lisa personal computer system; Apple; business graphics; word processing; graphics design; spreadsheet analysis; project management; personal filing; mouse

Class Codes: C5430 (Microcomputers); C7100 (Business and administration); C7830 (Home computing)

21/5/34 (Item 22 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

01657907 INSPEC Abstract Number: C81011029

Title: **Electronic wiring systems automobiles**

Author(s): Gereth, R.

Author Affiliation: Kabelwerke Reinshagen GmbH, Wuppertal, West Germany

Conference Title: 9. Internationaler Kongress Mikroelektronik. Mikroelektronik-Schlüssel für die Produkte von morgen. Tagungsbericht (Proceedings of the 9th International Microelectronics Congress. Microelectronics-Key to the Products of Tomorrow) p.128-30

Publisher: Munchener Messe-und Ausstellungen GmbH, Munich, West Germany

Publication Date: 1980 Country of Publication: West Germany 337 pp.

Conference Date: 10-12 Nov. 1980 Conference Location: Munich, West Germany

Language: German Document Type: Conference Paper (PA)

Treatment: Applications (A); General, Review (G)

Abstract: Wiring harnesses of future automobiles must transmit more signals while requiring less space. This objective can only be accomplished by adding to the classical wiring systems **electronic components** such as **sensors**, microcomputers, solid state switches and optoelectronic displays. These components lead the way towards multiplex wiring systems. Existing semiconductor products provide already today the technical and economical prerequisites for partial electronic wiring solutions. (0 Refs)

Subfile: C

Descriptors: automobiles

Identifiers: wiring system; sensor; solid state switches; optoelectronic display

Class Codes: C3360B (Road-traffic systems)

21/5/35 (Item 23 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

00132791 INSPEC Abstract Number: C70009972

**Title: An x-y touch sensitive position encoder for computer input**

Author(s): Hlady, A.M.

Journal: Bulletin of the Radio and Electrical Engineering Division,  
National Research Council of Canada vol.19, no.3 p.15-19

Publication Date: July 1969 Country of Publication: Canada

CODEN: NRRBAC ISSN: 0547-874X

Language: English Document Type: Journal Paper (JP)

**Abstract:** To make effective use of a computer controlled display unit in certain applications of man/machine communication, a person requires an input device with which he can refer to **positions** or **items** on the **display screen**. The **position** encoder described here consists of a transparent glass plate that can be placed in front of the display screen and it enters into a computer the x-y coordinates of the location at which a human finger or passive stylus touches the glass surface. A person can therefore select items on the display screen by pointing at them with a finger or enter drawings into the system by tracing them out on the glass plate with a hand held stylus.

Subfile: C

Descriptors: computer graphic equipment; computer graphics; man-machine systems

Class Codes: C5540 (Terminals and graphic displays)

**21/5/36 (Item 1 from file: 35)**

DIALOG(R) File 35:Dissertation Abs Online

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731771 ORDER NO: AAD80-29151

**AN ANALYSIS OF THE EXPORT LICENSING MECHANISM AND ITS EFFECT UPON THE COMPETITIVENESS OF U. S. HIGH TECHNOLOGY EXPORTS**

Author: ROBINSON, ROGER JOHN

Degree: PH.D.

Year: 1980

Corporate Source/Institution: UNIVERSITY OF GEORGIA (0077)

Source: VOLUME 41/06-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2706. 121 PAGES

Descriptors: ECONOMICS, COMMERCE-BUSINESS

Descriptor Codes: 0505

The purpose of this study is to analyze the longer term ramifications of the U.S. export licensing mechanism and its competitive impact upon U.S. high technology products. The major industry criticism of this mechanism, as it was outlined in the Export Administration Act of 1969, is that the time delays involved in obtaining export license approval were such that other Western Industrialized nations had a competitive edge.

Drawing on work done by previous authors, a measure of waiting time was introduced into a theoretical demand function, in which the relative merits of a product to a consumer is a function of differences in waiting time. These waiting time estimates are calculated from data on unfilled orders, new orders and deliveries and shipments. Actual license approval times could not be disaggregated out so that any waiting time significance was illustrative only. Its primary purpose being to show administrators the relative importance of time for different products to different destinations.

These waiting time estimates were introduced into estimated Cobb-Douglas demand equations for three products; Office and **Store** Machines, **Electronic Components** and Scientific and Engineering Instruments. Equations were estimated for world destinations in general and for Eastern European countries in particular.

Demand equations estimated for a total world market did conform to

our theoretical model, with waiting time proving a significant variable for the three product categories. With respect to the centrally planned economics the results were less satisfactory. Only in the case of the Electronic Components category was the waiting time argument significant. Various reasons are put forward to explain why this may be so.

**21/5/37 (Item 1 from file: 99)**

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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2395302 H.W. WILSON RECORD NUMBER: BAST01031173

**Find your location reality**

Rockhold, John;

Wireless Review v. 18 no7 (Apr. 1 2001 supp) p. 6-8

DOCUMENT TYPE: Feature Article ISSN: 1099-9248 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: Part of a supplement focusing on the Cellular Telecommunications & Internet Association Wireless 2001 show in Las Vegas, Nevada. Several companies offering **location**-based services/ **products** will be at the **show**. This is one **area** of m-commerce that has received a large amount of attention. American carriers face a stark choice between m-commerce and location-based services. The E-911 mandate requires that carriers implement the infrastructure that would deliver location-based services. This mandate may provide a boost for these services.

DESCRIPTORS: Wireless Internet; Business forecasting;

**21/5/38 (Item 2 from file: 99)**

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

2212395 H.W. WILSON RECORD NUMBER: BAST00053662

**PC Expo show wrap-up report [computer file]**

Lilley, Ernest;

Byte (Online) (June 2000)

DOCUMENT TYPE: Feature Article ISSN: 0360-5280 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: Although PC Expo still bears evidence of its Microsoft/Intel history, a number of other platforms and processors were evident at the 2000 gathering. Surprisingly, the up-and-comer this year was not Linux but the Palm OS, represented by major **Palm** and Handspring exhibition **areas**. Even Sony was **showing** its **Palm** candidate, which is still only at mock-up stage. The writer discusses some of the interesting products on display at PC Expo, including PDAs, Pocket PCs, digital cameras, storage solutions, and the latest offerings from Intel and IBM.

DESCRIPTORS: PC Expo;

**21/5/39 (Item 3 from file: 99)**

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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2204888 H.W. WILSON RECORD NUMBER: BAST00074709

**Wireless the future--the now**



Sheble, Nicholas;

InTech v. 47 no11 (Nov. 2000) p. 47-9

DOCUMENT TYPE: Feature Article ISSN: 0192-303X LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: While wireless technology was much vaunted at ISA/EXPO 2000, probably only one absolutely new wireless product was on show. This was developed by Silicon Valley-based Crossbow Technology and is the new tool for the **wireless** connectivity of **sensors** using the Bluetooth standard. The product, CrossNet, is possibly the first sensor architecture that is capable of replacing conventional wire interfaces with a low-power, high-speed link.

DESCRIPTORS: Wireless telecommunications networks;

21/5/40 (Item 4 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

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2052665 H.W. WILSON RECORD NUMBER: BAST95044645

**And now for something completely different . .**

AUGMENTED TITLE: Magellan's EC-10X moving-map GPS receivers

Lert, Peter;

Air Progress v. 57 (July 1995) p. 26-7+

DOCUMENT TYPE: Feature Article ISSN: 0002-2500 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: Magellan's EC-10X Global Positioning System ( **GPS** ) marks a major advance for **portable GPS "moving map" displays** for general aviation. This is the first **product** that has the capability to **display** , electronically, not just the schematized IFR-type maps of existing handheld GPSs or laptop software products, but instead charts that promise to approach world aeronautical charts in terms of terrain and cultural detail.

DESCRIPTORS: Global Positioning System; Portable radio receivers;  
Electronic chart information systems;

21/5/41 (Item 5 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

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1735160 H.W. WILSON RECORD NUMBER: BAST98049830

**What's new in AIDC?**

Moore, Bert;

Material Handling Engineering v. 53 no6 (June '98) p. 20

DOCUMENT TYPE: Feature Article ISSN: 0025-5262 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: The writer reviews ID Expo '98, which was held May 4-7 in Philadelphia, Pennsylvania. The most newsworthy event of the show was the announcement made by Advanstar Communications, the owners of ID Expo, that it had made an agreement to buy Scan-Tech, the other major trade show. Advanstar also announced that ID Expo would be discontinued. The **product** that stood out most at the **show** was Symbol Technologies' moving **beam** laser scan engine. Another noticeable development was the Uniform Code Council's announcement of new symbologies for space constrained marking applications.

DESCRIPTORS: Automatic identification systems; Handheld computers;

21/5/42 (Item 6 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

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1584449 H.W. WILSON RECORD NUMBER: BAST95002460

[WIRELESS Symposium & Exhibition, Santa Clara, CA, Feb. 13-17, 1995; with  
preview, program, and products on display]

Microwaves & RF v. 33 (Dec. '94) p. 75-93

DOCUMENT TYPE: Symposium ISSN: 0745-2993 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: The Third Annual WIRELESS Symposium & Exhibition is scheduled for February 13-17, 1995, at the Santa Clara Convention Center, California. The symposium will feature over 60 technical papers, and the **WIRELESS** Exhibition **area** will have **products** on **display** from over 140 exhibitors. A tentative schedule for the technical program is provided along with a brief description of some of the components, instruments, systems, and software tools that will be on display.

DESCRIPTORS: Telecommunications equipment industry--Trade shows; Wireless telecommunications networks;

21/5/43 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00633680 01I206-001

**The tightrope of trust -- FCC tackles location-based privacy**

Svetvilas, Chuleenan

Intelligent Enterprise , June 13, 2001 , v4 n9 p12, 1 Page(s)

ISSN: 1524-3621

Company Name: Cellular Telecommunication and Internet Association;  
Electronic Privacy Information Center

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Reports that the United States Federal Communications Commission (FCC) is reviewing the proposal submitted by the Cellular Telecommunication and Internet Association (CTIA) regarding privacy issues in wireless mobile services that will pinpoint consumers' **locations** with **Global Positioning** System ( **GPS** ) and market **products** to them based on their proximity to business-to-consumer (B2C) retail outlets. Explains that wireless providers need to gain and maintain mobile users' trust or face strict government regulation and loss of potential revenue sources. Mentions that the Electronic Privacy Information Center (EPIC) would like to see privacy rules that put the user in control. Says the FCC's Enhanced 911 rules require that wireless systems have the ability to find a 911 caller's location within a 125-meter radius by October 2001. (MEM)

Descriptors: **Wireless** Communication; Cellular Communication; Privacy Protection; **Global Positioning** System; Consumer Information; Electronic Commerce; Federal Government

Identifiers: Cellular Telecommunication and Internet Association;  
Electronic Privacy Information Center

21/5/44 (Item 2 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00627306 01IK04-218

**Wireless industry takes it on the chin**

Rist, Oliver

InternetWeek , April 16, 2001 , n857 p23, 1 Page(s)

ISSN: 0746-8121

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

VIEW FROM THE BUNKER column talks about the challenges facing the wireless industry. Reports that the Bluetooth wireless networking standard not only embarrassed itself on the **trade show** floor with an absence of **products** , but Redmond, WA-based software giant Microsoft Corp. decided not to incorporate native support for it in the forthcoming Windows XP desktop operating system. Discusses the shortcomings of the IEEE 802.11a and 802.11b wireless local area networks (WLANs). Mentions the need for 802.11 equipment makers to build gear that internetworks more easily with wired networks and pays more attention to security. Explains that network managers need to understand that wireless and wired Ethernet are not the same thing just because they are both easy to set up. (MEM)

Descriptors: Wireless Networking; Wireless Communication; Standards; Product Development; Local Area Networks; Network Security

21/5/45 (Item 3 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00621658 01EW02-103

**FileMaker add-on totes data -- Mobile version works with Palm devices, Windows PCs, Macs; requires FileMaker Pro 5 Version 3**

Brooks, Jason

eWeek , February 12, 2001 , v18 n6 p67-68, 2 Page(s)

ISSN: 0740-1604

Company Name: FileMaker

URL: <http://www.filemaker.com>

Product Name: FileMaker Mobile

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Geographic Location: United States

Presents a favorable review of FileMaker Mobile (\$49), a database add-on from FileMaker Inc. of Santa Clara, CA (408). Explains that it makes it easy to view and modify data on Palm OS-based hand-held personal digital assistants (PDAs) and to keep that data synchronized with what is on the user's desktop PC. Highlights its tight integration with FileMaker databases on both Windows and Macintosh platforms and search function. Mentions, however, that the **handheld** component lacks some modification and **beaming** capabilities found in rival products. Concludes that it will be a good fit for users of the FileMaker desktop database application. On a scale ranging from A to F, received an A in performance and interoperability, and a B in usability, capability, and manageability. Includes a screen display and a product summary. (MEM)

Descriptors: Add-on; Database; Mobile Computing; Synchronization; Hand-held Computer; Information Management; Personal Digital Assistant

Identifiers: FileMaker Mobile; FileMaker

21/5/46 (Item 4 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00610785 00IK09-302

**Box it up -- Web site statistics made simple**

Brodsky, Charles L

InternetWeek , September 25, 2000 , n830 p74, 1 Page(s)

ISSN: 0746-8121

Company Name: WebSideStory

URL: <http://www.HitBoxEnterprise.com>

Product Name: HitBox Enterprise 6

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Geographic Location: United States

Presents a favorable review of HitBoxEnterprise 6 (\$1,295), a network management service from application service provider (ASP) WebSideStory of San Diego, CA (858). Explains that it gathers and analyzes Web site statistics in realtime. Highlights its ease of use, utilization of Java Script which allows tracking of Web visitors' system settings, option to view statistics from a wireless handheld personal digital assistant (PDA) or Web-enabled phone, cross-referencing of related statistics, ability to set up multiple login accounts, option to have information consolidated and electronically mailed in an Adobe Acrobat report, six types of reports, and export of graphs or data to a Microsoft Word or Excel file. Mentions, however, that technical support is weak. Concludes that the service is worth consideration by overburdened information technology (IT) departments . Includes two screen displays and a product summary. (MEM)

Descriptors: Network Management; Web Management; Online Services; Application Service Providers; Web Tools; Statistics; Data Analysis

Identifiers: HitBox Enterprise 6; WebSideStory

21/5/47 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00606986 00TV07-007

**Software to scratch Palm's itchy niches -- Two handy new ways to get Word or Excel files**

Trowbridge, Dave

Computer Technology Review , July 1, 2000 , v20 n7 p24, 1 Page(s)

ISSN: 0278-9647

Company Name: DataViz; Cutting Edge Software

URL: <http://www.dataviz.com> <http://www.cesinc.com>

Product Name: Documents To Go 2.003; Quicksheet 5.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B; B

Hardware/Software Compatibility: Palm OS

Geographic Location: United States

Presents a favorable review of two software applications designed to allow Palm OS-based handheld devices to handle Microsoft Word or Excel files. Includes Documents To Go (DTG) Version 2.003 (\$39.95) from DavaTiz Inc. of Trumbull, CT; and Quicksheet 5.0 (\$39.95) from Cutting Edge Software, Inc. of Dallas, TX. Claims both products are useful, perform necessary functions, and work as promised. Says DTG provides synchronization of documents with a desktop system and the ability to beam

copies of documents to other **Palm** OS users. Says Quicksheet and its desktop counterpart provide a full-featured portable spreadsheet solution for spreadsheets of up to 996 rows and 254 columns. Concludes overall these products provide functionality that the frequent Palm OS user will find it hard to live without. (kgh)

Descriptors: Spreadsheet; Word Processing; Hand-held Computer; Document Delivery; Synchronization; Portable

Identifiers: Documents To Go 2.003; Quicksheet 5.0; DataViz; Cutting Edge Software

**21/5/48 (Item 6 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00606186 00CK07-001

**Future in hand**

Germain, Jack M

Portable Computing , July 1, 2000 , v4 n7 p44-50, 5 Page(s)

ISSN: 1096-1968

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Predicts what the future holds for such computing devices as the Palm Pilot, Web enabled digital phone, and the digital camera; says the most likely useful computer of tomorrow will be a combination of these three items. Looks ahead about five years and provides comments from the computer industry's best designers and marketers on products of the future. Says Web-ready cell phones with PDA functions will be the norm. Discusses the development of the Communicator by Ericsson; the Mobile Computing and Communication Appliance (MoCCA) being worked on by Digital Equipment Corp. and Fitch; and the MiPad being developed by Microsoft. Reports on Wearable PCs produced by Microvision Inc. Says AT&T Wireless is producing The TourGuide (a **handheld GPS** ) and the Gamer (a **pocket** arcade). Says Scout Electromedia's MODO provides news. Says the Anoto C-Pen records what is written in ink then transmits data. Includes nine photos and one sidebar. (bjp)

Descriptors: Product Development; Predictions; Future; Trends; Hand-held Computer

**21/5/49 (Item 7 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00602226 00EW05-206

**Decision improved GPS precision -- Some corporate users claim the removal of restrictions comes too late**

Nobel, Carmen

eWeek , May 15, 2000 , v17 n20 p37, 1 Page(s)

ISSN: 0740-1604

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Reports President Clinton signed an order recently that improves the accuracy of basic civilian Global Positioning Systems (GPSs) from 300 feet to 60 feet. Says it will be a big help to users of **handheld** , marine, or automobile **GPS** units. Explains the government previously jammed civilian GPSes with Selective Availability (SA) for fear that the systems could target missiles, but the order shut this off, as it was decided to have

minimal impact on national security. Notes this may be a move by the government to push cellular phone manufacturers to equip their products with E-911 compatibility, so the location of people calling 911 from their phones can be targeted. Suggests the lifting of SA comes a little too late, with current products built around trying to compensate for the shortcoming it created. Notes customers with basic GPS need to do nothing to take advantage of the improved accuracy. Includes one sidebar. (kgh)

Descriptors: Global Positioning Systems; Federal Government; Security; Product Development

**21/5/50 (Item 8 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00558109 00MQ01-002

**On the road with Win CE: AutoPC**

Flanagan, William P

Mobile Computing & Communications , January 1, 2000 , v11 n1 p31, 1

Page(s)

ISSN: 1047-1952

Company Name: Clarion

URL: <http://www.autopc.com>

Product Name: Clarion AutoPC

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B

Geographic Location: United States

Presents a favorable review of the AutoPC (\$2149) from Clarion of Gardena, CA (800). Says that the Auto PC is a built-in car stereo that is based on Windows CE and has the ability to read CDs and CompactFlash cards. Features an Hitachi SH3 processor in the base unit; 16MB of RAM; 8MB of ROM; 140-watts of power and a ten band equalizer. Includes function control through a speech-recognition system. Adds that the CD player can read software CD-ROMs and displays the information on the unit's long, narrow, color LCD. Says the owner may use Windows CE to maintain contact lists, dictate memos, synchronize other CE-based devices with the AutoPC, or transfer data via a CompactFlash card slot (located on the side of the unit) through an infrared interface or a wireless service provider. Notes that most software options are costly, including Odyssey navigation software (\$200), and a **GPS receiver** (\$250). Includes two photos and one **product summary**. (HHW)

Descriptors: Automobile; CD-ROM; Audio Processing; Remote Computing; Mobile Computing

Identifiers: Clarion AutoPC; Clarion

**21/5/51 (Item 9 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00525586 99MQ02-004

**GPS ; the world in your pocket -- The beauty of the global positioning satellite network is that you always know where you're going. These 34 GPS receivers will help...**

Bell, Richard T

Mobile Computing & Communications , February 1, 1999 , v10 n2 p103-105,

3 Page(s)

ISSN: 1047-1952

Languages: English

Document Type: Buyer and Vendor Guide

Geographic Location: United States

Presents a buyers' guide to **handheld Global Positioning System (GPS) receivers**. Features a table listing 34 **products**, from eleven companies, with price, dimensions, weight, and battery life for each. Describes the five categories of receivers as follows: Budget Handheld Receivers that typically cost about \$200 and are useful for recreational activities; Handheld Aviation Receivers that provide maps on tiny displays; PC Card Receivers that integrate with a system's digital maps, but can be expensive, difficult to install, power hogs; Mouselike Receivers that contain the antenna and GPS engine to provide positioning data to a PC; and Stand-Alone Receivers, which are new, fully integrated machines, weighing from 6.8 ounces to around three pounds. Includes five photos and one table. (amg)

Descriptors: Global Positioning System; Satellite Communication; Recreation; Mapping; Navigation

21/5/52 (Item 10 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00514048 98IW11-111

**Oracle Lite 3.5 extends corporate data to PDAs**

Biggs, Maggie

InfoWorld, November 9, 1998, v20 n45 p119, 121, 2 Page(s)

ISSN: 0199-6649

Company Name: Oracle

URL: <http://www.oracle.com/mobile/olite>

Product Name: Oracle Lite 3.5

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Geographic Location: United States

Presents a favorable review of the Oracle Lite 3.5 (\$95) database management system from Oracle Corp. of Redwood Shores, CA (800). Says that the product provides good manageability, connectivity, and application options for accessing corporate data via personal digital assistants. Reports that new features include improved replication support, SQL access via a Web browser plug-in, and improved Java support. Notes that the product supports both Palm and Windows CE devices, adding that Palm devices will support Oracle Lite in the first quarter of next year. Indicates that the product supports network, wireless, modem, and serial connections on WinCE devices. Concludes that the product makes manipulating corporate data with a **Palm** or WinCE device plausible, and **recommends** the product as a credible **alternative** to **notebook** computers for mobile workers. Includes one screen display, one photo, and one scorecard. (JC)

Descriptors: Database; Data Base Management; Personal Digital Assistant; Mobile Computing; Plug-ins; Java

Identifiers: Oracle Lite 3.5; Oracle

21/5/53 (Item 11 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00501342 98MQ07-007

**Sceptre FT15**

Blecher, Joni

Mobile Computing & Communications, July 1, 1998, v9 n7 p33, 1 Page(s)

ISSN: 1047-1952

Company Name: Sceptre Technologies

URL: http://www.sceptre.com  
Product Name: Sceptre FT15  
Languages: English  
Document Type: Hardware Review  
Grade (of Product Reviewed): B  
Geographic Location: United States

Presents a favorable review of the Sceptre FT15 (\$1,199), an LCD display by Sceptre Technologies (800). Says the Sceptre FT15 is best viewed by looking directly at the 14.5-inch diagonal screen. Adds this unit offers great color images and excellent sound quality. However, says it is not good for viewing from an angle, and it had some difficulties displaying blacks and greys. Says it may not be appropriate for viewing black-and-white images or X-rays. Concludes users who want to plug their **notebook** into a **display** and save desktop **space** should consider this product. Contains one photo. (EB)

Descriptors: LCD; Monitor; Image Processing; Color  
Identifiers: Sceptre FT15; Sceptre Technologies

21/5/54 (Item 12 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00478506 97CR11-303

**Voice recognition finally gets heard**

Clancy, Heather  
Computer Reseller News , November 24, 1997 , n765 p1, 235, 2 Page(s)  
ISSN: 0893-8377  
Languages: English  
Document Type: Articles, News & Columns  
Geographic Location: United States

Reports that the recent Comdex conference featured speech recognition technology in products such as pagers that receive voice messages, miniature dictation devices, PC-based theater systems incorporating remote control, and Windows NT systems with fingerprint-initiated logon schemes. Says IBM Corp. and Olympus America demonstrated **handheld** dictation devices that **store** up to 2MB of information on a flash card. Adds that IBM demonstrated a sys which combines spoken commands and body gestures to contr computers. States Microsoft is adding continuous speech recogni capabilities to its Speech Application Programming Interface. Notes that I/O Software demonstrated applications that use the Sony Fingerprint Identification Unit, including a logon system for NT. Says the company showed security solutions that work with smart-card terminals for Internet and electronic-commerce applications. Includes three photos. (dpm)

Descriptors: Speech Recognition; Conference; Hand-held Computer; Security

21/5/55 (Item 13 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00381330 95MW04-007

**ArtPad**

McClelland, Deke  
Macworld , April 1, 1995 , v12 n4 p67, 1 Page(s)  
ISSN: 0741-8647  
Company Name: Wacom Technology  
Product Name: ArtPad  
Languages: English  
Document Type: Hardware Review



Grade (of Product Reviewed): B  
Hardware/Software Compatibility: Macintosh  
Geographic Location: United States

Presents a favorable review of ArtPad (\$199) from Wacom Technology (206). ArtPad is a pressure sensitive tablet to aid artists when using paint programs. Says ArtPad comes in both serial and ADB versions, and notes the serial version uses a separate power supply. Users use a wireless stylus that has 256 pressure levels, and is checked 205 times per second. The active drawing area on the tablet is small, 3.75 inches by 5 inches, but is very precise. The tablet is accurate enough to edit high resolution graphics. Reports this tablet is convenient because it doesn't take up much room to use or store. ArtPad received four out of five stars. Includes a product display. (eqb)

Descriptors: Tablet; Macintosh; Hardware Review  
Identifiers: ArtPad; Wacom Technology

21/5/56 (Item 14 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00339898 94MF02-008

**The sky's no limit -- Konny's conference explains the limitations of sending bits over cellular, and reveals a wealth of winning solutions**

Wagman, Robert J  
Mobile Office , February 1, 1994 , v5 n2 p42-48, 4 Page(s)  
ISSN: 1047-1952  
Languages: English

Document Type: Feature Articles and News  
Geographic Location: United States

Discusses the advances being made in wireless communication products, as outlined during seminars at the Comdex computer trade show. Highlights the new technologies and products available for cellular transmission of data including new protocols and modems from Microcom, AT&T Paradyne, U.S. Robotics, Motorola, and DataRace. Includes two sidebars which outlines several devices and another which speculates on future projects. Includes five photos and three sidebars. (CH)

Descriptors: Wireless Communication; Mobile Computing; Modem; Data Transmission; Future; Conference; PCMCIA

21/5/57 (Item 15 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00225163 90LA09-001

**Networld 90: A dearth of big products Attendance at Dallas trade show , however, reaches an all-time high**

Walker, Robyn C  
LAN Times , September 1, 1990 , v7 n9 p1, 16, 2 Pages  
ISSN: 1040-5917  
Languages: English

Document Type: Product Announcement  
Geographic Location: United States

Details some products to be announced at the Networld 90 exhibit to be held in Dallas, TX. Products include: DEC LanWORKS for OS/2 version 1.1 (\$NA) from Digital Equipment Corp.; SMC Monitrix for ARCNET (\$NA) from Standard Microsystems Corp. of Hauppauge, NY; ReferencePoint 2.0 (\$NA) from LAN Systems Inc. of New York, NY; InfoAlliance (\$4,100) from Software Publishing Corp. of Mountain View, CA; LANPORT II (\$695) from Microtest of

Phoenix, AZ; BlindView+ (\$NA) from LAN Support Group of Houston, TX; Sitelock 3.0 (\$495) from Brightwork Development Inc. of Tinton Falls, NJ; EN5090 (\$NA) from Accton Technology Corp. of Dallas, TX; and FileTalk 2.0 version 2.0 (\$NA) from Mountain Computer Inc. of Campbell, CA. Includes a screen display. (tbc)

Descriptors: Shows; Local Area Networks; Product Announcement

**21/5/58 (Item 1 from file: 583)**

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09639402

Handspring and Palm give wireless hope

US: Palm and Handspring raise handheld market hopes

Total Telecom (TOT) 19 Nov 2001 Online

Language: ENGLISH

Shares of Handspring and Palm, handheld device makers, have increased following enthusiasm for pioneering new **products** which were on **display** at the Las Vegas Comdex **trade show**. Handspring's shares rose by 13% to US\$ 3.76, and Palm's shares were up by 16% to US\$ 3.38. The Treo combination phone and personal digital assistant (PDA), produced by Handspring, has renewed hopes of handheld market revival with wireless technology. Thomas Sepenzis, the CIBC World Markets analyst, has praised the Treo's sleek appearance and easy input capabilities. Microsoft has emerged as an increasing rival to Palm and Handspring, having lately upgraded its Pocket PC software, compatible with Compaq and Hewlett-Packard devices.

COMPANY: HANDSPRING; PALM; COMDEX; CIBC WORLD MARKETS; MICROSOFT

EVENT: Sales & Consumption (65);

COUNTRY: United States (1USA);

**21/5/59 (Item 2 from file: 583)**

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09457589

Taiwan 2nd largest exporter of pirated goods to US last year

US: TAIWAN SECOND BIGGEST PIRATED GOODS SUPPLIER

The Taiwan Economic News (AMH) 07 Feb 2001 Online

Language: ENGLISH

For the year of 2000, the US customs administration successfully cracked 175 cases of Taiwan made pirated goods, placing Taiwan as its second largest source of pirated goods with a total value of US\$ 6.173 mn. Among the pirated products shipped from Taiwan to the US, hardware computer peripherals accounted for the largest portion at 43%, while computers and components made up a 17% share. Pirated sporting goods, toys and electronic games, and video/audio storage media conquered 6%, 7% and 11% shares respectively. In the year of 2000, the US confiscated a total of 3,244 imported products that infringed the intellectual property rights of the country, a drop of 12%. Total value of the seized pirated goods stood at US\$ 45.328, dipping 54% from year 1999. China emerged as the top supplier of pirated goods, while Malaysia, Hong Kong and Singapore accounted for 9%, 8% and 7% of the intellectual property rights-infringing goods respectively.

PRODUCT: Balance of Payments (E5710); Justice & Safety (9101); Games, Toys  
& Children's Vehicles (3944); Sporting Goods, Bicycle **Stores** (5941);  
Computer Peripherals (3573CP); Computers (3573CO); Electronic Games (3651EG); Electronic Components NEC (3679);  
EVENT: National Government Economics (94);  
COUNTRY: Malaysia (9MAO); Singapore (9SIN); Hong Kong (9HON); Taiwan (9TAI); China (9CHN); United States (1USA);

**21/5/60 (Item 3 from file: 583)**

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09457428

Agis' GPS solution offered on HP Jornada  
SINGAPORE: **GPS OFFERED ON HP POCKET PC JORNADA**  
Business Times (XBA) 05 Feb 2001 BizIT p.11  
Language: ENGLISH

Agis Pte Ltd of Singapore has been chosen to provide the global positioning system (GPS) solution on Hewlett-Packard's Jornada palmtop personal computers (PC). Agis will provide the software, the Singapore map, the **GPS receiver** and the installation module. The **products** come in three packages: Jornada 548, which costs S\$ 1,819; Jornada 680 costs S\$ 2,169; Jornada 720 costs S\$ 2,419. MasterCard holders will only have to pay S\$ 1,618, S\$ 1990.78 and S\$ 2183.50 respectively. HP also unveiled a portable rechargeable battery pocket-sized keyboard at S\$ 199 for its 540 series pocket PC.

COMPANY: HEWLETT-PACKARD; AGIS

PRODUCT: Communications Eqp ex Tel (3662);  
EVENT: Product Design & Development (33); Company Formation (14);  
COUNTRY: Singapore (9SIN);

**21/5/61 (Item 4 from file: 583)**

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09421424

Philphos website launched  
PHILIPPINES: **PHILPHOS DEPLOYS NEW WEBSITE**  
Manila Bulletin (XAZ) 04 Dec 2000 p.D-2  
Language: ENGLISH

Filipinos can now access to the updates of Philippine Phosphate Fertilizer Corp (Philphos), a Philippine fertiliser concern via its newly bared website. Accessible at [www.philphos.com.ph](http://www.philphos.com.ph), the new website also provides information of the **locations** of Philphos **stores** as well as the **products** of Philphos. In **addition**, the new website also features a WAP <wireless application protocol> site that allows information and updates of Philphos to be accessed through a WAP-based cellular phone. The WAP site is accessible via [wappy.to/philphos](http://wappy.to/philphos).

COMPANY: PHILPHOS; PHILIPPINE PHOSPHATE FERTILIZER

PRODUCT: Fertilizers (2871);  
EVENT: Product Design & Development (33); Marketing Procedures (24);  
COUNTRY: Philippines (9PHI);

21/5/62 (Item 5 from file: 583)  
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09218410  
Heineken is first to bring the pub to your palmtop  
NETHERLANDS: ELECTRONIC PUB GUIDE FROM HEINEKEN  
Computer Weekly (CRW) 16 Dec 1999 p.6  
Language: ENGLISH

The Dutch brewer Heineken is launching BarTrek, an electronic guide that customers can use that uses **palm** size computers and mobile **global positioning** systems. The BarTrek system allows people to locate a pub selling Heineken products in 15 cities around the globe. Heineken said that once the technology is available the system would become available on mobile phones.

COMPANY: HEINEKEN

PRODUCT: Beer (2082BE); Computers & Auxiliary Equip (3573); Geographical Information Systems Software (7372GI);  
EVENT: General Management Services (26); Product Design & Development (33);  
COUNTRY: Netherlands (4NET);

21/5/63 (Item 6 from file: 583)  
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09210017  
Megabuy offers IT products at new online shopping Web site  
MALAYSIA: NEW WEBSITE FOR IT PRODUCTS BY MEGABUY  
New Straits Times (XAS) 13 Dec 1999 Computimes,p.12  
Language: ENGLISH

A new electronic commerce (e-commerce) website has been unveiled by Megabuy Sdn Bhd (Malaysia) at [www.megabuy.com.my](http://www.megabuy.com.my). The website offers some 800 multi-vendors products including notebook computers, desktop computers and other information technology (IT) peripherals. According to William Lien, the website is unique as it features a Store within and Superstore which enables vendors not only to sell their products on the website but will enable them to have up a their own 'speciality store' which will only showcase the vendor's **brands** of **products**. Thus customers who favour a certain **brand** can browse at the speciality **stores**. Other **brands** of **products** also available at the website include Toshiba, Sony, Kodak, IBM, Microsoft, Hewlett-Packard, Epson, Canon and 3Com.

COMPANY: 3COM; CANON; EPSON; HEWLETT-PACKARD; MICROSOFT; IBM; KODAK; SONY; TOSHIBA; MEGABUY

PRODUCT: Computers & Auxiliary Equip (3573); Computer Services (7370);  
EVENT: Product Design & Development (33);  
COUNTRY: Malaysia (9MAO);

21/5/64 (Item 7 from file: 583)  
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09166827

SNK to delay Pocket launch?

UK: SNK MAY DELAY NEOGEO POCKET LAUNCH

CTW (XXX) 17 Sep 1999 p.5

Language: ENGLISH

Computer games company, SNK <US>, may postpone the UK launch of its NeoGeo Pocket Color system in an attempt to safeguard supply in the run up to Christmas. The company recently announced plans to reduce the price of the 16-bit hand held system to GBt 59.99, in order to distance itself from the Nintendo 64 and Sony PlayStation consoles. According to SNK, the Gameboy rival received a welcome response from the media and retailers at a recent UK trade show. The company states that the product has the potential and ability to unleash a new, untapped and highly lucrative market.

COMPANY: NINTENDO; SONY; SNK

PRODUCT: Electronic Games (3651EG);

EVENT: Product Design & Development (33);

COUNTRY: United Kingdom (4UK); United States (1USA);

21/5/65 (Item 8 from file: 583)

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09162595

Harvey picks up Acer

AUSTRALIA: HARVEY NORMAN SELLS ACER PRODUCTS

The Australian Financial Review (AFR) 16 Sep 1999 p.34

Language: ENGLISH

Harvey Norman of Australia has chosen Acer to provide computer products to its stores. Acer will be one of Harvey Norman's top 10 suppliers of PCs and notebooks.

COMPANY: ACER; HARVEY NORMAN

PRODUCT: Laptop Computers (3573LC); Microcomputers (3573MI);

EVENT: Company Formation (14);

COUNTRY: Australia (9AUS);

21/5/66 (Item 9 from file: 583)

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09115331

Higher US sales benefit electronics retailers shares

US: ELECTRONIC RETAILERS REPORT HIGHER SALES

Wall Street Journal Europe (WSJ) 07 Jun 1999 p.15

Language: ENGLISH

Electronics retailers Best Buy, Tandy and Good Guys, have all reported higher than expected profits of late. As a result all have seen their shares rise significantly. Tandy's Radio Shack stores reported a 19% rise in sales in May 1999, while in comparable stores sales rose 17%. Good Guys reported a 1% rise in comparable sales for the fiscal second-quarter which ended on 31 March 1999. The electrical retailer also reported that its founder Ronald Unkefer, is to return as company chairman and chief executive officer. It is hoped that this move will speed up operating

changes at the suffering chain. Best Buys has reported that revenue for the quarter was up 23% against the previous year. Like other US electrical retailers Best Buy's has benefited somewhat for the huge demand at present for digital satellite-television systems, videodisk players, camcorders and wireless phones. Best Buys has performed particularly well with its sales of high-margin items such as big- screen TV sets. Rex Stores , a smaller chain of electronics stores in smaller cities, has announced its profits for the quarter ending 30 April 1999. Table: Best Buys Figures in US\$ bn Current Previous/Change Revenue 2.39 1.94 23.19% Table: Tandy's Radio Shack Stores Figures in US\$ mn (May 1999) Current Previous/Change Revenue 294.2 247.1 19.06% Table: Rex Stores Figures in US\$ mn Current Previous/Change Turnover 99.1 88 12.61%

COMPANY: REX STORES; TANDY'S RADIO SHACK STORES; BEST BUYS

PRODUCT: Telecom Subscriber Equipmen (3661TS); Television Equipment ( 3651TV); Consumer Electronics (3650);  
 EVENT: Sales & Consumption (65); Company Financial Data (80); Company Reports & Accounts (83);  
 COUNTRY: United States (1USA);

21/5/67 (Item 10 from file: 583)  
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06513955  
 In neue Dimensionen  
 GERMANY: NEW SPECIALIST STORE CONCEPT  
 Bau & Heimwerker Markt (BHM) Jul 1997 p.29,32  
 Language: GERMAN

The German M nster-based trade group Ratio inaugurated a 10,000 sq.m Novo store, including a 3,900 sq.m garden centre, on 28 April 1997 in Limburg-Offheim. The product range exceeds the conventional dimensions of a DIY store. The product range of the "specialist store for building and renovation, garden and freetime, technology and a much more" includes articles unusual for DIY stores, such as CDs and video tapes, electrical household appliances, computers, entertainment electronics, tyres and two-wheelers. The products are high-quality trademarked articles. In addition to services typical of DIY stores , also rarer services are available. They include a repair shop, a cinema for children and a cash dispenser. For the first time in Germany, laser-controlled radio scanners of the SP 400 RF type are used at cash desks. The wireless scanners of the company PSC can register the prices of heavy and large items directly from the trolley. The Novo centre is to be complemented soon by a restaurant and a filling station with tyre service.

COMPANY: PSC; NOVO; RATIO  
 PRODUCT: DIY Goods (5201DG); Tyres (3011); Computers & Auxiliary Equip ( 3573); Lasers (3832LA); Consumer Electronics (3650); Records & Tapes (3652 ); Household Appliances (3630);  
 EVENT: Product Design & Development (33); Plant/Facilities/Equipment (44 ); Planning & Information (22); Marketing Procedures (24);  
 COUNTRY: Germany (4GER);

21/5/68 (Item 11 from file: 583)  
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06390056

Kwik Save to close stores and cut staff

UK: KWIK SAVE TO RESTRUCTURE AFTER POOR PROFITS

The Times (TS) 08 Nov 1996 p.25

Language: ENGLISH

UK supermarket chain, Kwik Save Group, is to restructure after suffering the effects of European competition and competition from UK supermarkets introduction of low price ranges. Replacing 75% of business systems, upgrading **electronic payment equipment** and improving the facia of **stores**, the company will have capital expenditure of GBt 50mn in 1996/97 and GBt 100mn in 1997/98. Costing a total GBt 105.5mn, the restructure will also see the axing of 107 stores, 25 of which will be in Scotland, with the loss of 1,900 staff. The group expects that 90% of the staff could be kept due to a high turnover rate. Kwik Save will also increase its ranges of convenience foods and health and beauty products while an own-brand quality label will be launched in Spring 1996. Titled 'New Generation Kwik Save' the move comes after a 28% fall in full year pre-tax profits to GBt 90.3mn; a figure which becomes GBt 2.8mn if a one-off payment pertaining to store closure is added. Final and overall dividend were GBt 0.01405 and GBt 0.2 per share while earnings per share went from GBt 0.5168 to minus GBt 0.1405. Market share remained unchanged at 8.3%

COMPANY: KWIK SAVE; KWIK SAVE

PRODUCT: Food Retailing (5400);

EVENT: General Management Services (26); Product Design & Development (33); Plant/Facilities/Equipment (44); Company Reports & Accounts (83);

COUNTRY: United Kingdom (4UK);

21/5/69 (Item 12 from file: 583)

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05436491

GPS spotlight on key products

GERMANY - **GPS DISPLAYS** MAJOR PRODUCTS

Electronics Weekly (ECW) 4 November 1992 p27

ISSN: 0013-5224

GEC Plessey Semiconductors ( **GPS** ) will launch **wireless** LAN products at Electronica, to be held in Munich, Germany between 10-14 November 1992. These include the DE6003 miniature 2.4 to 2.5 GHz spread spectrum, data receiver which will be available in PCMCIA format and comply to FCC and ETSI rules. It features data rates up to 1 Mbps and is suitable for various applications.

COMPANY: GEC PLESSEY SEMICONDUCTORS

PRODUCT: Local Area Network Equip (3661LA);

EVENT: NEW PRODUCT EXTENSION (33);

COUNTRY: Germany (4GER); United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

21/5/70 (Item 13 from file: 583)

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05332395

Hitching a ride on US military satellites  
WORLD - COMMERCIAL APPLICATIONS FOR GPS  
Electronics Weekly (ECW) 9 September 1992 p32-33  
ISSN: 0013-5224

Since the 1970s, 24 satellites owned by the US military have been used by the Pentagon as a global positioning system (GPS) capable of pinpointing the position of an electronic receiver anywhere in the world. With the first GPS receivers costing over USD1r3k, the use of GPS was initially limited to specialist applications such as ship and aircraft navigation. However, with the cost of GPS having plummeted, manufacturers in the US, Europe and Japan predict that everyone will be using GPS technology within five years. An extended article discusses commercial applications for GPS, looking at developments in GPS receivers and products. Motor manufacturers are planning to use GPS not only for navigation systems but also, by linking it to a cellular telephone, to inform users if their car has been lost or stolen. With commercial systems enjoying free use of costly military satellite hardware, manufacturers can concentrate on developing GPS receivers that are cheap enough and small enough to be fitted as a standard item on cars, computers and even portable telephones.

PRODUCT: Gallium Arsenide Chips (3674GG);  
EVENT: PROCESS APPLICATIONS (32); PRODUCT DESIGN & DEVELOPMENT (33);  
PRODUCT PRICING (34);  
COUNTRY: United States (1USA); Japan (9JPN); Europe (4E); NATO Countries (420); South East Asia Treaty Organisation (913); Pacific Rim (914); OECD Pacific (915);

21/5/71 (Item 14 from file: 583)  
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04330139  
UNITED STATES - US CALL TO CURB NAVIGATION AID SALES  
UK - UNITED STATES - US CALL TO CURB NAVIGATION AID SALES  
Financial Times (C) 1991 (FT) 14 June 1991 p22

United States: this article reports in detail on the US State Department's proposal to place strict limits on exports of **global positioning** system receivers, the most accurate **electronic** navigational **equipment**. The proposal will have a potentially devastating effect upon rapidly expanding commercial markets. A draft proposal to put GPS receivers on the munitions control list, which limits export of materials and equipment that pose a threat to national security, has been circulated among US manufacturers. Designed for military navigation and tracking, GPS has spawned a wide range of commercial applications ranging from precise aircraft and marine navigation to vehicle tracking systems and surveying equipment. GPS played a prominent role in the Gulf war when US and allied troops used navigational receivers in the desert. Now the same US companies that struggled to fill military orders face the prospect of a virtual **export** ban on many of their **products**. With European and Japanese companies also offering **GPS receivers**, the US manufacturers would be placed at a serious competitive disadvantage. GPS industry executives are now taking part in government inter-agency working groups designed to resolve the conflict in military and commercial interests. Some within the industry fear GPS may become a pawn in a high-level dispute between the Departments of State, Defence and Commerce over which should have jurisdiction over export control of "dual-use" technologies that have both military and commercial applications. (Abstract. Copyright The Financial Times Limited 1991)\*\*



Copyright: Financial Times Ltd 1991

PRODUCT: Electronic Chemicals (2800EC);  
EVENT: MARKET & INDUSTRY NEWS (60);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia  
Treaty Organisation (913);

21/5/72 (Item 15 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)  
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04112075

AMENDOLA ENGINEERING PRODUCES INFRA-RED **HAND - HELD SENSOR**  
UK - AMENDOLA ENGINEERING PRODUCES INFRA-RED **HAND - HELD SENSOR**  
Fire (FE) 0 February 1991 p48  
ISSN: 0015-2544

Amendola Engineering (Birmingham, UK) has produced a Radian Energy Discriminator (RED 1), an infra-red, **hand - held sensor**, with many applications. The **product** helps fire-fighters to find undetected heat sources. Full details of the **product** are given.

PRODUCT: Fire Alarm Systems (3662FI);  
EVENT: PRODUCTS, PROCESSES & SERVICES (30);  
COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420);  
South East Asia Treaty Organisation (913);

21/5/73 (Item 16 from file: 583)

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03764133

TANDY PLANS UPMARKET ELECTRONIC CHAIN  
US - TANDY PLANS UPMARKET ELECTRONIC CHAIN  
Wall Street Journal Europe (WSJ) 8 October 1990 p6

Tandy (US) is expected to announce at end-October 1990, a 10-outlet upmarket electronic products chain to be called The Edge in Electronics. The outlets will be **located** in shopping **malls** and will feature such **products** as portable CD players. Tandy has suffered from a 1.8% drop in sales in FY1990 at its lower end 7k chain of Radio Shack electronic goods stores. The Edge in Electronics is expected to increase Tandy's USD1r4.5 bil sales by only USD1r15 mil, but if the new chain is successful some 100 outlets might be established in the next few years.\*

PRODUCT: Television Equipment (3651TV); Video Equipment (3651VE); Audio  
Equipment (3652AE); Household Appliance Stores (5722);  
EVENT: PLANT/FACILITIES/EQUIPMENT (44);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia  
Treaty Organisation (913);

21/5/74 (Item 17 from file: 583)

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03558494

DEC EXPECTED TO LAUNCH FDDI PRODUCTS

US - DEC EXPECTED TO LAUNCH FDDI PRODUCTS  
Lightwave (LWV) 0 June 1990 p8  
ISSN: 0741-5834

Digital Equipment (DEC) is expected to announce its Fiber Distributed Data Interface (FDDI) products at the Boston, US, DEC World annual corporate trade show. The company has already advertised its FDDI products in trade journals, in an attempt to persuade potential DEC FDDI users to start installing FDDI supporting fibre optic cables and components. Successful testing of FDDI bridges and concentrators has been undertaken by DEC at the CERN laboratory for particle research in Geneva, Switzerland.

PRODUCT: Network Management (3661NM); Fibre Optics (3832FO); Data Communications (4811DC);  
EVENT: PRODUCTS, PROCESSES & SERVICES (30);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia Treaty Organisation (913);

21/5/75 (Item 18 from file: 583)  
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01966362  
PRODICAL TO OPEN TWO ELECTRONIC COMPONENT FACTORIES  
SPAIN - PRODICAL TO OPEN TWO ELECTRONIC COMPONENT FACTORIES  
Cinco Dias (CDS) 20 June 1988 p12  
Language: Spanish

Prodical is to open two electronic component factories in Valladolid. The project will involve an investment of over Pta600 mil. One of the factories will manufacture high speed electronic components, whilst the other will assemble computers. Prodical is 45% controlled by the regional govt and the Grupo Comelta which has the majority holding. The first of two factories will produce items for export especially to other EC countries. The second project will involve the assembly of personal computers. Prodical is also to create a R&D centre for imported technology, as well as marketing network linked with other EC countries with the object of introducing in Spain, products manufactured in Europe. In a separate project Control Data Iberica and the Universidad de Valladolid have signed a collaboration agreement for the development of design and manufacturing technology assisted by computer. The agreement involves the creation of a regional centre for research into industrial applications, which will enable companies to gain access to this type of technology and will educate school pupils and allow them to be trained in research. Another company known as Aragonesa de Componentes Pasivos (ACP) is to invest Pta503 mil over the next five years, in the construction of a high-technology electronics factory according to the Instituto Nacional de Industria (INI). The factory will be constructed at Tarazona (Zaragoza), and will manufacture passive electronic components, creating 100 jobs.

PRODUCT: Automated Machinery (3500AM); Computers & Auxiliary Equip (3573); Microcomputers (3573MI); Electronic Components (3670); Integrated Circuits (3674IT); Retail Computer Stores (5734); Computer Services (COSV);  
EVENT: PLANT/FACILITIES/EQUIPMENT (44);  
COUNTRY: Spain (4SPA); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420);

21/5/76 (Item 19 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)  
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01206461

ANT LAUNCHES POCKET RADIO PAGING RECEIVER  
UK - ANT LAUNCHES POCKET RADIO PAGING RECEIVER  
Office Equipment News (OEN) 0 July 1987 p45

ANT Telecommunications has launched the Minifon pocket radio paging receiver operating in the 49 MHz waveband which reduces interference. The **product** has tone bleep and ten-digit **display** with facility to **store** one message while a previous message is being displayed.

PRODUCT: Mobile Communications Equipment (3662MB); Mobile Communications Svcs (4811MC); Paging Services (4838PG);  
EVENT: PRODUCTS, PROCESSES & SERVICES (30);  
COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420); South East Asia Treaty Organisation (913);

21/5/77 (Item 1 from file: 474)

DIALOG(R)File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

07897686 NYT Sequence Number: 763837010617

**IF YOUR VCR STILL BLINKS, STICK TO HIDE AND SEEK**

Genzlinger, Neil

New York Times, Col. 2, Pg. 1, Sec. 14NJ

Sunday June 17 2001

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT:

Neil Genzlinger Jersey column on joining growing number of people engaged in geocaching, in which people using **portable global positioning** system devices post coordinates on Web site and invite others to find hidden items; he and partner found cache near decaying deer carcass near Pennington, NJ (M)

DESCRIPTORS: Navigation; Global Positioning System; Computers and the Internet

PERSONAL NAMES: Genzlinger, Neil

GEOGRAPHIC NAMES: Pennington (NJ)

21/5/78 (Item 2 from file: 474)

DIALOG(R)File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

07702729 NYT Sequence Number: 811793990729

**STATE OF THE ART: MORE GADGETS FOR MACS**

Lewis, Peter H

New York Times, Col. 1, Pg. 1, Sec. G

Thursday July 29 1999

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT:

State of the Art column describes Macintosh-related **products** on **display** at recent Macworld **trade show** in New York; notes that Apple

Computer Inc has sold nearly two million colorful iMac computers in last 11 months, and company filled last gaping hole in its product line with introduction of its low-cost portable iMac computer called iBook (M)

COMPANY NAMES: Apple Computer Inc  
DESCRIPTORS: Computers and the Internet; Trade Shows and Fairs  
PERSONAL NAMES: Lewis, Peter H

21/5/79 (Item 3 from file: 474)  
DIALOG(R)File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

07649396 NYT Sequence Number: 024040981126

**SURFING AROUND THE HOUSE**

Lewis, Peter H  
New York Times, Col. 1, Pg. 1, Sec. G  
Thursday November 26 1998  
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English  
RECORD TYPE: Abstract

**ABSTRACT:**

Cyrix Corp demonstrates prototype **product** called Webpad at Comdex computer **trade show** in Las Vegas, Nev; Webpad is battery-powered, wireless computer about size of thick magazine; it uses radio waves to browse World Wide Web, send and receive E-mail and perform other Internet tasks, all channeled wirelessly through receiver attached to regular personal computer; it will be available sometime next summer; drawing (M)

SPECIAL FEATURES: Drawing  
COMPANY NAMES: Cyrix Corp  
DESCRIPTORS: Computers and Information Systems; Internet and World Wide Web; Electronic Mail; Trade Shows and Fairs; Comdex (Computer Trade Show)  
PERSONAL NAMES: Lewis, Peter H

21/5/80 (Item 4 from file: 474)  
DIALOG(R)File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

07614668 NYT Sequence Number: 912581980716

**NEWS WATCH: SMART DEVICES PEEP INTO YOUR GROCERY CART**

Brier, Steven E  
New York Times, Col. 3, Pg. 3, Sec. G  
Thursday July 16 1998  
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English  
RECORD TYPE: Abstract

**ABSTRACT:**

Grocery stores are taking advantage of changing technology, especially silicon chips, to provide more information to shoppers and, hopefully, increase their sales; in some supermarkets, electronic shelf cards **display** latest price information, kiosks offer shoppers directories of **items** by aisle, and opportunity to **place orders** with particular department, such as deli; two **stores** are testing **handheld** scanning units used by customers to scan items as they put them into cart while shopping; photo (S)

SPECIAL FEATURES: Photo  
DESCRIPTORS: Food; Supermarkets; Computers and Information Systems;

Computer Chips; Scanning Devices; Food  
PERSONAL NAMES: Brier, Steven E

21/5/81 (Item 5 from file: 474)  
DIALOG(R) File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

06324047 NYT Sequence Number: 623687921123  
**YANKEE INGENUITY WINS OUT IN PC'S**  
MARKHOFF, JOHN  
New York Times, Col. 3, Pg. 1, Sec. D  
Monday November 23 1992  
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English  
RECORD TYPE: Abstract

ABSTRACT:

Comdex/Fall trade show in Las Vegas reflects continued American dominance in portable computing, laying to rest any fears that Japanese would inevitably control this market; Japanese dominate supply of flat-panel display screens and have leading position in producing computer memory chips, but Americans are still ahead on other vital components, like microprocessors and hard disks; Americans software companies also maintain leadership by setting standards adopted by large segments of industry; Steven B Jobs, chairman of Next Computer Inc, comments (M)

DESCRIPTORS: DATA PROCESSING (COMPUTERS); PERSONAL COMPUTERS; SHOWS (EXHIBITS); COMDEX (COMPUTER **TRADE SHOW**); SEMICONDUCTORS; SOFTWARE **PRODUCTS**; STANDARDS AND STANDARDIZATION  
PERSONAL NAMES: MARKHOFF, JOHN; JOBS, STEVEN P  
GEOGRAPHIC NAMES: UNITED STATES; JAPAN

21/5/82 (Item 6 from file: 474)  
DIALOG(R) File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

06295435 NYT Sequence Number: 681598920821  
**IBM PLANS TO DEMONSTRATE COMPUTERS LINKED BY RADIO**  
Associated Press  
New York Times, Col. 1, Pg. 3, Sec. D  
Friday August 21 1992  
DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English  
RECORD TYPE: Abstract

ABSTRACT:

IBM to demonstrate personal pocket-sized devices that marry computing power with communications capabilities at Comdex **trade show** in Las Vegas in Nov; among **products** will be notebook-sized computers and pocket-size personal digital assistants that can communicate through radio or cellular phone networks (S)

COMPANY NAMES: INTERNATIONAL BUSINESS MACHINES CORP (IBM)  
DESCRIPTORS: DATA PROCESSING (COMPUTERS); RADIO; CELLULAR TELEPHONES; NEW MODELS, DESIGN AND PRODUCTS; PERSONAL COMPUTERS

21/5/83 (Item 7 from file: 474)  
DIALOG(R) File 474:New York Times Abs  
(c) 2004 The New York Times. All rts. reserv.

05588302 NYT Sequence Number: 125856890815

**PERSONAL COMPUTERS: EVERYTHING FOR THE MACINTOSH USER**

LEWIS, PETER H

New York Times, Col. 4, Pg. 6, Sec. 3

Tuesday August 15 1989

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Abstract

**ABSTRACT:**

Personal Computers column on new **products** at Macworld Exposition **trade show**, Boston; notes Apple Computer's long-awaited portable Macintosh is not yet available; new devices include MicroTV, a plug-in card for Macintosh II computers that allows user to watch black-and-white television on monitor screen; drawing (M)

SPECIAL FEATURES: Drawing

COMPANY NAMES: APPLE COMPUTER INC

DESCRIPTORS: DATA PROCESSING (COMPUTERS); NEW MODELS, DESIGN AND PRODUCTS;  
PERSONAL COMPUTERS

PERSONAL NAMES: LEWIS, PETER H

**21/5/84 (Item 1 from file: 475)**

DIALOG(R)File 475:Wall Street Journal Abs

(c) 2004 The New York Times. All rts. reserv.

08030746 NYT Sequence Number: 000000990805

**ADVERTISING: A PUSH TO PROBE BUYING HABITS IN LATINO HOMES**

WARTZMAN, RICK

Wall Street Journal, Col. 6, Pg. 1, Sec. B

Thursday August 5 1999

DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English

RECORD TYPE: Abstract

**ABSTRACT:**

As part of an ACNielsen Corp pilot project in Los Angeles, residents of some 500 Latino households are recording their weekly **store** purchases on **hand - held** scanning devices; the information is then fed back to ACNielsen, which analyzes the data and plans to sell it to consumer-products companies eager to see how their brands stack up in the Hispanic market (M)

COMPANY NAMES: ACNIELSEN CORP

DESCRIPTORS: HISPANIC-AMERICANS; MARKET RESEARCH

PERSONAL NAMES: WARTZMAN, RICK

GEOGRAPHIC NAMES: LOS ANGELES (CALIF)

**21/5/85 (Item 2 from file: 475)**

DIALOG(R)File 475:Wall Street Journal Abs

(c) 2004 The New York Times. All rts. reserv.

06276060

**IBM PLANS TO DEMONSTRATE NEW DEVICE AT TRADE SHOW**

Wall Street Journal, Col. 6, Pg. 6, Sec. B

Friday August 21 1992

DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT:

International Business Machines Corp says it will demonstrate at Nov trade show its prototype version of handheld computer product known as 'personal digital assistant' (S)

COMPANY NAMES: INTERNATIONAL BUSINESS MACHINES CORP (IBM)

DESCRIPTORS: DATA PROCESSING (COMPUTERS); NEW MODELS, DESIGN AND PRODUCTS;  
PERSONAL COMPUTERS

21/5/86 (Item 3 from file: 475)

DIALOG(R)File 475:Wall Street Journal Abs

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06015208

SONY'S DISCMAN, EAGERLY AWAITED ITEM AT TRADE SHOW , IS UNVEILED  
PRIVATELY

REILLY, PATRICK M

Wall Street Journal, Col. 5, Pg. 4, Sec. B

Tuesday June 4 1991

DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT:

Sony Corp's Data Discman, palm-sized reference computer that uses data-embedded compact disks and has been hot seller in Japan, is unveiled in private screenings at Summer Consumer Electronics Show in Chicago (M)

COMPANY NAMES: SONY CORP

DESCRIPTORS: DATA PROCESSING (COMPUTERS); NEW MODELS, DESIGN AND PRODUCTS;  
PERSONAL COMPUTERS

PERSONAL NAMES: REILLY, PATRICK M

21/5/87 (Item 4 from file: 475)

DIALOG(R)File 475:Wall Street Journal Abs

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04257574

Commodore International Ltd, unveiling several products at computer trade show in West Germany, shows portable computer that runs software made for IBM Personal Computer (S)

KNEALE, DENNIS

Wall Street Journal, Col. 1, Pg. 14, Sec. 1

Thursday April 5 1984

DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English

RECORD TYPE: Abstract

COMPANY NAMES: COMMODORE INTERNATIONAL LTD; INTERNATIONAL BUSINESS  
MACHINES CORP (IBM)

DESCRIPTORS: DATA PROCESSING; PERSONAL COMPUTERS

PERSONAL NAMES: KNEALE, DENNIS

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23/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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7029832 INSPEC Abstract Number: C2001-10-7180-013

**Title: Designing an E-grocery application for a palm computer: usability and interface issues**

Author(s): Bellamy, R.; Swart, C.; Kellogg, W.A. ; Richards, J.; Brezin, J.

Author Affiliation: IBM Thomas J. Watson Res. Center, Yorktown Heights, NY, USA

Journal: IEEE Personal Communications vol.8, no.4 p.60-4

Publisher: IEEE,

Publication Date: Aug. 2001 Country of Publication: USA

CODEN: IPCME7 ISSN: 1070-9916

SICI: 1070-9916(200108)8:4L:60:DGAP;1-J

Material Identity Number: B467-2001-005

U.S. Copyright Clearance Center Code: 1070-9916/2001/\$10.00

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P); Experimental (X)

**Abstract:** The coming ubiquity of **handheld** devices and e-commerce will offer many new design and application opportunities for human-computer interaction, many of them in "everyday" domains. This article reports on the iterative design of a **handheld** application for one such domain, grocery shopping. Our goal was to produce a solution for home ordering of groceries using a **PDA**. The article focuses on the evolution of the application design through a process that alternated design activities with formative evaluations in the field. At the end of the design and development process, 200 shoppers in the United Kingdom were using the resulting application. (3 Refs)

Subfile: C

Descriptors: computer interfaces; electronic commerce; **notebook** computers

Identifiers: E-grocery application; **palm** computer; computer interface; **handheld** devices; e-commerce; human-computer interaction; iterative design; **handheld** application; grocery shopping; home ordering; application design; formative evaluations; development process; United Kingdom; Easi-Order; **Palm** OS application; **PDA** application

Class Codes: C7180 (Retailing and distribution computing); C5430 (Microcomputers); C5610 (Computer interfaces)

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23/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

6970305 INSPEC Abstract Number: C2001-08-5430-009

**Title: Case study: user research to inform the design and development of integrated wearable computers and Web-based services**

Author(s): Forlizzi, J.; McCormack, M.

Author Affiliation: HCII, Carnegie Mellon Univ., Pittsburgh, PA, USA

Conference Title: DIS2000. Designing Interactive Systems Processes, Practices, Methods, and Techniques. Conference Proceedings p.275-9

Editor(s): Boyarski, D.; Kellogg, W.A.

Publisher: ACM, New York, NY, USA

Publication Date: 2000 Country of Publication: USA xi+456 pp.

ISBN: 1 58113 219 0 Material Identity Number: XX-2000-02065

Conference Title: Proceedings of DIS 2000, Designing Interactive Systems

Conference Sponsor: ACM



Conference Date: 17-19 Aug. 2000      Conference Location: New York, NY, USA

Language: English      Document Type: Conference Paper (PA)  
Treatment: Practical (P)

Abstract: The competitive playing field for startup companies often does not allow for the time to understand how user needs can influence the development of a new product. This paper presents a case study of informing the design of a wearable computer with Web-based services through user research. We discuss our motivation for choosing to do user research to address our multi-faceted design problem, present the methodology and technique design, and summarize lessons learned in the process of analyzing the data and communicating findings to an interdisciplinary shareholder team. (9 Refs)

Subfile: C

Descriptors: information resources; **portable** computers; user centred design

Identifiers: user research; integrated wearable computer design; Web-based services; user needs; data analysis; interdisciplinary shareholder team

Class Codes: C5430 (Microcomputers); C7210N (Information networks)  
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23/5/3      (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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6970296      INSPEC Abstract Number: C2001-08-6180-017

**Title: Augmented reality as a design tool for mobile interfaces**

Author(s): Bertelsen, O.W.; Nielsen, C.

Author Affiliation: Dept. of Comput. Sci., Aarhus Univ., Denmark

Conference Title: DIS2000. Designing Interactive Systems Processes, Practices, Methods, and Techniques. Conference Proceedings p.185-92

Editor(s): Boyarski, D.; Kellogg, W.A.

Publisher: ACM, New York, NY, USA

Publication Date: 2000      Country of Publication: USA      xi+456 pp.

ISBN: 1 58113 219 0      Material Identity Number: XX-2000-02065

Conference Title: Proceedings of DIS 2000, Designing Interactive Systems

Conference Sponsor: ACM

Conference Date: 17-19 Aug. 2000      Conference Location: New York, NY, USA

Language: English      Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: This paper challenges user interface paradigms for mobile devices, by using the technical classification of augmented reality interfaces as a 'thinking tool' to develop ideas for interaction with mobile devices. The paper presents future work scenarios from a wastewater treatment plant embodying **PDA** applications derived from the classification of augmented reality interfaces. The focus on physical interaction with objects of work and with the mobile device provides us with a range of interaction styles, based on, e.g., gestures and manipulation of objects. Furthermore, issues of transparency and directness are addressed. The future scenarios indicate that the concepts of augmented reality support solving context problems in mobile design. (15 Refs)

Subfile: C

Descriptors: augmented reality; environmental science computing; mobile computing; user interface management systems; water treatment

Identifiers: design tool; mobile interfaces; user interface; mobile devices; augmented reality interfaces; wastewater treatment plant; **PDA** ; physical interaction; context problems

Class Codes: C6180 (User interfaces); C5540B (Interactive-input devices)

; C6130V (Virtual reality); C5620 (Computer networks and techniques);  
C7340 (Geophysics computing)  
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23/5/4 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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6970295 INSPEC Abstract Number: B2001-08-8570-002, C2001-08-7480-042

Title: Sound: an emotional element of interactions - a case study of a microwave oven

Author(s): Cheong-hyun Lee; Soony Kim; Choong-seog Chae; Kook-hyun Chung

Author Affiliation: Human Interface Lab., Samsung Electron. Co Ltd., Seoul, South Korea

Conference Title: DIS2000. Designing Interactive Systems Processes, Practices, Methods, and Techniques. Conference Proceedings p.174-82

Editor(s): Boyarski, D.; Kellogg, W.A.

Publisher: ACM, New York, NY, USA

Publication Date: 2000 Country of Publication: USA xi+456 pp.

ISBN: 1 58113 219 0 Material Identity Number: XX-2000-02065

Conference Title: Proceedings of DIS 2000, Designing Interactive Systems

Conference Sponsor: ACM

Conference Date: 17-19 Aug. 2000 Conference Location: New York, NY, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); General, Review (G)

Abstract: Little attention has been given to sound as an element of interaction although an interaction design utilizes five senses of the human being. While designing a **portable** microwave oven, we selected sound as the topic of our study. As several sounds have already been applied to products, such as the buzz sound in the walk signal or warning sound in the computer, the focus of research is that the sound may have to be different vis-a-vis the product's functionality or locations where it is used. Conclusions have not been made a priori that a product developer should create new sounds for new products. For this purpose, research has been conducted to develop the sound concept in nexus with the product and the outdoor environment. Developed sounds were then evaluated and analyzed by a target audience. With this analysis, we were able to adopt proper **portable** microwave oven sounds that allowed potential users to feel familiar, to respond pleasantly amid outdoor noises, and to expect the taste of food. During the course of the experiment, we came to the conclusion that even with the same sound and some modifications made by applying different lengths, tones, rhythms, and/or resonance, it allowed users to recognize the functions or features of the products. The results have changed our evaluation on the sound itself and will extend the value of sound interaction between human beings and products. (2 Refs)

Subfile: B C

Descriptors: interactive systems; ovens; product development; user interfaces

Identifiers: interaction design; **portable** microwave oven; product functionality; product developer; sound interaction

Class Codes: B8570 (Domestic appliances); C7480 (Production engineering computing); C6180 (User interfaces)

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23/5/5 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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6970283 INSPEC Abstract Number: C2001-08-5540B-007

**Title: Interaction relabelling and extreme characters: methods for exploring aesthetic interactions**

Author(s): Djajadiningrat, J.P.; Gaver, W.W.; Frens, J.W.

Author Affiliation: ID-StudioLab, Delft Univ. of Technol., Netherlands

Conference Title: DIS2000. Designing Interactive Systems Processes, Practices, Methods, and Techniques. Conference Proceedings p.66-71

Editor(s): Boyarski, D.; Kellogg, W.A.

Publisher: ACM, New York, NY, USA

Publication Date: 2000 Country of Publication: USA xi+456 pp.

ISBN: 1 58113 219 0 Material Identity Number: XX-2000-02065

Conference Title: Proceedings of DIS 2000, Designing Interactive Systems

Conference Sponsor: ACM

Conference Date: 17-19 Aug. 2000 Conference Location: New York, NY, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Aesthetics and interaction are interwoven concepts, rather than separate entities. An aesthetics of interaction must consider richness in appearance, actions, and role. Moving beyond a narrow focus on usability in this way requires new methods for understanding design possibilities. Here we describe two: interaction relabelling, in which possible interactions with a known mechanical device are mapped to the functions of an **electronic device** to be designed; and extreme characters, in which fictional users with exaggerated emotional attitudes are taken as the basis of design to highlight cultural issues. These methods may help designers in considering physical interactions with products on the one hand, and the sociocultural role their products will take on the other. (4 Refs)

Subfile: C

Descriptors: interactive systems; product development; social aspects of automation

Identifiers: interaction relabelling; extreme characters; aesthetic interactions; usability; mechanical device; **electronic device** design; exaggerated emotional attitudes; sociocultural role; physical interactions

Class Codes: C5540B (Interactive-input devices)

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